SEIDOR

Training Center

Training division

SEIDOR

About us

SEIDOR is a technology consulting firm that offers a comprehensive portfolio of solutions and services covering the areas of Artificial Intelligence, Edge, Customer Experience, Employee Experience, ERP, Data, Application Modernization, Cloud, Connectivity and Cybersecurity.

With a turnover of 858 million euros in fiscal year 2023 and a workforce of more than 9,000 highly qualified professionals, SEIDOR has a direct presence in 45 countries in Europe, Latin America, the United States, the Middle East, Africa and Asia. SEIDOR is a partner of the main technology leaders.

Within our business diversification strategy, we have launched Training Center, a new division focused on offering training covering technologies (IT) from different manufacturers.

In the training division we have a team of experienced consultants and independent professionals, with extensive experience in the training sector.

Mission

Provide technological solutions and services that contribute to streamlining the business processes of organizations to improve their competitiveness. We help our clients update and expand their knowledge through practical training.

Purpose

Offer our clients a training catalog selecting skills, competencies, capabilities and technologies that help face the new challenges we face in the new digital era.

- Training employees helps to develop talent loyalty, while at the same time they gain skills to progress and become more efficient, increasing capacity with better knowledge.

- Management of training plans that improve performance, openness to new opportunities, greater versatility and increased quality of life and job satisfaction.

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Accompaniment on your digital and sustainable journey
Strategy: Digital Talent and Sustainability

Immersed in the digital revolution, companies of all sectors and sizes face incredible challenges to boost productivity and maintain business cycles, digitalization and sustainability is the training of the talent of the future, both have become basic and omnipresent for business development.

The importance of training teams for Industry 4.0 is essential for decision-making, therefore, at Seidor we offer a training plan adapted and personalized to the needs of each client that accompanies the companies' digitalization plan, using technology. as a driver of increasing the efficiency of organizations.

Our digital talent projects begin with a digital skills test to evaluate the degree of maturity of the organizations and subsequently develop unique and personalized content.

Why SEIDOR

- We align training projects with the objectives of the organizations.
- We make schedules more flexible, adjusting to the needs of our clients.
- High quality standard as a key element in satisfaction and lasting relationships with our clients.
- Present throughout Spain, global and with offices in more than 30 countries.
- We customize the learning platform and adapt to the modality required by the client (format, online, face-to-face, hybrid).
- Training plans tailored to each client, meeting the training objectives.
- FUNDAE, we manage the annual credit to all companies that request it from us.
- We provide laboratories per assistant.

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Training areas

TIC	AI
ELEARNING	SKILLS
INTERNET AND DESIGN	CYBERSECURITY
ENGINEERING	IT PROJECT MANAGEMENT AGILE METHODOLOGIES
CHANGE MANAGEMENT DIGITAL TRAINING	OFFICIAL TRAINING

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TIC

Categories

Office automation	Back office	Communications
Internet and Design	Databases	Testing and continuous integration
Systems	Development	DevOps
Containers	Big Data	UX,UI
Cloud computing	Mobile technology	Blockchain

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Categories: Office automation
Technologies and tools

Office automation

Microsoft 365

Microsoft Word

Microsoft Excel

Microsoft PowerPoint

Microsoft Outlook

Microsoft OneNote

Microsoft Teams

Microsoft OneDrive

Microsoft SharePoint

Microsoft Access

Microsoft Publisher

Microsoft Forms

Microsoft Planner

Microsoft Sway

Microsoft Access

Microsoft Office Suite

Apache OpenOffice

Google Workspace

Apple iWork

LibreOffice

Evernote

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Office automation

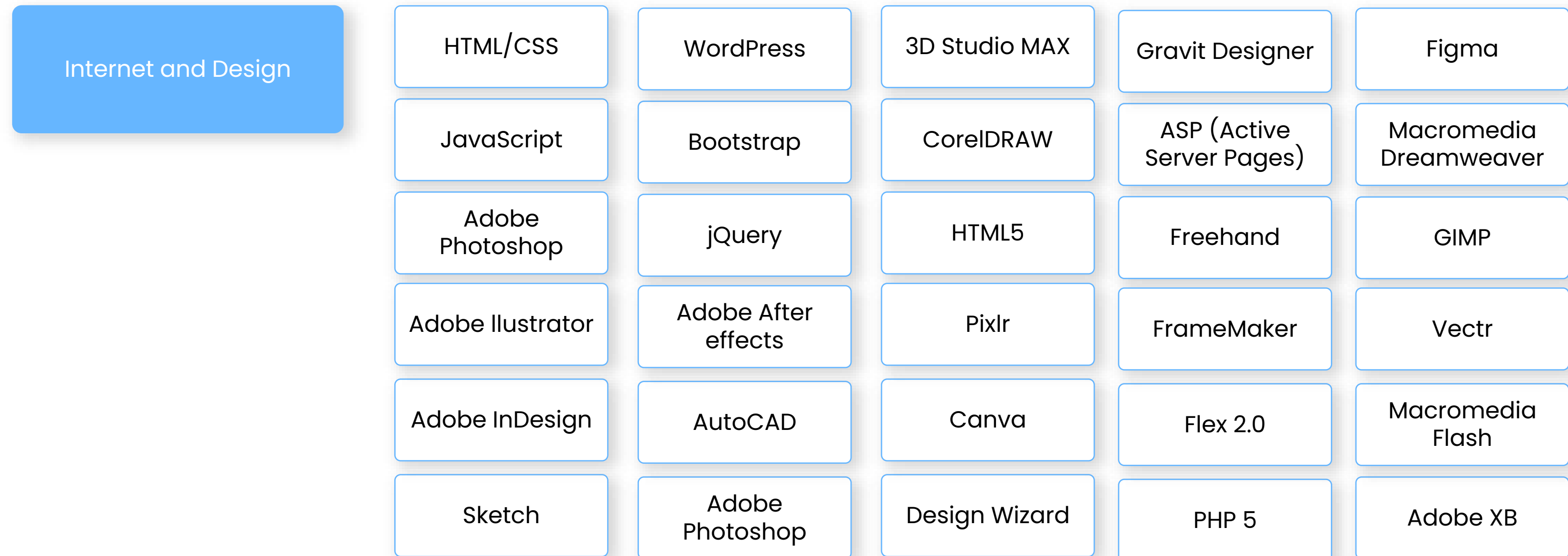| TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Microsoft Word	Advanced word processor, used to create and edit documents. Offers a wide range of formatting and layout tools.	Document creation, writing, content design
Microsoft Excel	Spreadsheet program for data analysis, accounting and financial management. It offers advanced features such as pivot tables and complex formulas.	Data analysis, accounting, financial management
Microsoft PowerPoint	Presentation tool used to create slides with multimedia content, graphics and animations.	Business, educational and marketing presentations
Microsoft Outlook	Email and calendar client. Manage emails, calendars, tasks and contacts.	Email communication, calendar management
Microsoft OneNote	Note taking application that allows you to organize and share notes, images, web pages and audio.	Note taking, project organization, research
Microsoft Teams	Team collaboration and communication platform. It combines chat, video conferencing, file storage and document collaboration.	Teamwork, virtual meetings, collaboration on projects
Microsoft OneDrive	Cloud storage service. Allows you to store, share and access files from anywhere.	File storage, cloud collaboration, backup
Microsoft SharePoint	Platform for business collaboration and document management. Used to create intranet websites and share information within an organization.	Document management, corporate intranets, business collaboration

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Office automation

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Microsoft Access	Database management system. Used to create and manage databases for small business applications.	Database management, small scale business applications
Microsoft Publisher	Design and layout program. Used to create documents and marketing materials such as brochures, cards and newsletters.	Graphic design, marketing publications, layout
Microsoft Forms	Tool to create surveys, questionnaires and forms. It is used to collect data and feedback.	Surveys, online forms, data collection
Microsoft Planner	Task planning and management tool. Helps organize projects, assign tasks, and track progress.	Project management, task assignment, progress tracking
Microsoft Sway	Tool to create and share interactive reports, presentations and more. It offers an easy way to combine text and media to create visual stories.	Creation of interactive content, reports, presentations
Microsoft Access	Database management system. Used to create and manage databases for small business applications.	Database management, small scale business applications

Office automation

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Microsoft Office Suite	Includes Microsoft Word, Excel, PowerPoint, Access, and others. It is the most used set of office tools for document processing, data analysis, presentations and database management.	Business, education, public administration
Google Workspace	Formerly known as G Suite, includes Google Docs, sheets, Slides, and more. It is a set of cloud-based tools for online collaboration and productivity.	Business, education, online collaborative work
LibreOffice	Free and open source office suite that includes writer, Calc, Print, among others. It is a free alternative to Microsoft Office.	Users who prefer free software, non-profit organizations, education
Apache OpenOffice	Similar to LibreOffice, it includes a word processor, spreadsheet, presentation tool, etc. It is another free alternative to Microsoft Office.	Users looking for free alternatives, small businesses, education
Apple iWork	Includes Pages, numbers and Keynote. It is Apple's office suite, mainly used on Mac and iOS devices.	Apple users, graphic design, presentations
Evernote	Application for managing notes, tasks and files. Used for personal and professional organization, as well as information gathering.	Personal management, project organization, information collection

Categories: Internet and Design
Technologies and tools

Internet and Design

HTML/CSS	WordPress	3D Studio MAX	Gravit Designer	Figma
JavaScript	Bootstrap	CorelDRAW	ASP (Active Server Pages)	Macromedia Dreamweaver
Adobe Photoshop	jQuery	HTML5	Freehand	GIMP
Adobe Ilustrator	Adobe After effects	Pixlr	FrameMaker	Vectr
Adobe InDesign	AutoCAD	Canva	Flex 2.0	Macromedia Flash
Sketch	Adobe Photoshop	Design Wizard	PHP 5	Adobe XB

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Internet and Design

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
HTML/CSS	Markup languages and styles used to create and design the content of web pages. HTML structures the content, while CSS takes care of the design and style.	Web development, web page design
JavaScript	Interpreted programming language, essential for the development of dynamic web pages. It is used in conjunction with HTML and CSS to improve interactivity and functionality.	Web development, interactive web applications
Adobe Photoshop	Digital image editing and manipulation program. Widely used in graphic design, photo retouching and web graphics creation.	Graphic design, image editing, advertising
Adobe Ilustrator	Vector graphics software used to create and edit graphics, logos, and illustrations.	Graphic design, digital illustration, branding
Adobe InDesign	Layout and editorial design tool to create magazines, newspapers, brochures and books.	Editorial design, publication layout
Sketch	Vector design application focused on user interface and user experience design. Popular among web and mobile app designers.	UI/UX design, web design, mobile applications
figma	Cloud-based graphic design and prototyping tool. Enables real-time collaboration on design projects.	UI/UX design, prototyping, collaborative design work
Adobe XD	User experience design tool for creating wireframes, prototypes, and web and mobile application designs.	UI/UX design, prototyping, web and mobile applications

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Internet and Design

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
WordPress	Content management system (CMS) used to create and manage websites. Offers flexibility and a wide range of plugins and themes.	Creation of websites, blogs, online stores
Bootstrap	Framework front-endfor web design and development of responsive interfaces. Includes design templates based on HTML and CSS.	Responsive web development, interface design
jQuery	JavaScript library that simplifies DOM manipulation, event handling, and animations. Makes writing JavaScript code easier.	Web development, effects and functionalities on web pages
Adobe After effects	Animation and visual effects software used for creating motion graphics and video visual effects.	Animation, video post-production, motion graphics
AutoCAD	Computer-aided design software used for technical drawing and 2D and 3D design.	Architecture, engineering, industrial design
Adobe Photoshop	Digital image editing and manipulation program, widely used in graphic design, photo retouching and web graphics creation.	Graphic design, image editing, advertising
Macromedia Dreamweaver	Web development software that offers a visual interface and code editor for creating websites.	Design and development of websites
Macromedia Flash (Adobe Flash)	Multimedia platform used to add animation and interactive elements to web pages.	Web animations, interactive content (Historically)

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Internet and Design

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
3D Studio MAX	3D modeling, animation, and rendering software used in the production of games, movies, and interactive content.	3D animation, modeling, visual effects
ASP (Active Server Pages)	Microsoft technology for server-side web application development.	Web development, server side applications
CorelDRAW	Vector graphic design program used to create graphics, logos, illustrations, and printed materials.	Graphic design, illustrations, branding
HTML5	The latest version of the HTML markup language, with new features that allow you to create more interactive and functional websites and applications.	Web development, web applications
Pixlr	Online image editor for quick image editing and layout creation.	Image editing, fast graphic design
Canva	Online graphic design tool that allows you to create designs with predefined templates and elements.	Graphic design, social networks, marketing material
Design Wizard	Online tool to create graphic designs, including images for social networks, presentations and promotional material.	Graphic design, marketing, social networks
Vectr	Online vector graphics editor that allows you to easily create and edit vector graphics.	Graphic design, logo creation, illustration

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Internet and Design

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
GIMP	Open source image editing program that offers tools for photo retouching, image composition, and graphics creation.	Graphic design, photo editing, digital art
Gravit Designer	Online vector design tool for creating graphics, logos and illustrations.	Graphic design, illustration, web design
Freehand	Vector graphic design software for creating illustrations, designs and layout.	Graphic design, illustrations, layout (Historically)
FrameMaker	Adobe software for editing and publishing large and complex documents, such as technical manuals and structured documents.	Technical publication, documentation, layout
Flex 2.0	Rich web application development framework (formerly from Adobe). Used to build interactive web applications.	Development of web applications, user interfaces
PHP	Server-side scripting language widely used in web development to generate dynamic content.	Web development, web applications dynam

Categories: Systems

Technologies and tools

Systems

Operating (Windows, Linux,	macOS	PowerShell	RACF (IBM)
Red Hat Enterprise Linux (RHEL)	Ubuntu	Nagios	Citrix/Microsoft Hyper-V
Fedora	AIX	junos	Parallel Sysplex(IBM)
CentOS	VMware	Microsoft 365 administration	OpenStack
SUSE Linux Enterprise	HP-UX	Intune /Endpoint Manager	
Debian	Apache Hadoop	Group Policy on Windows	

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Systems

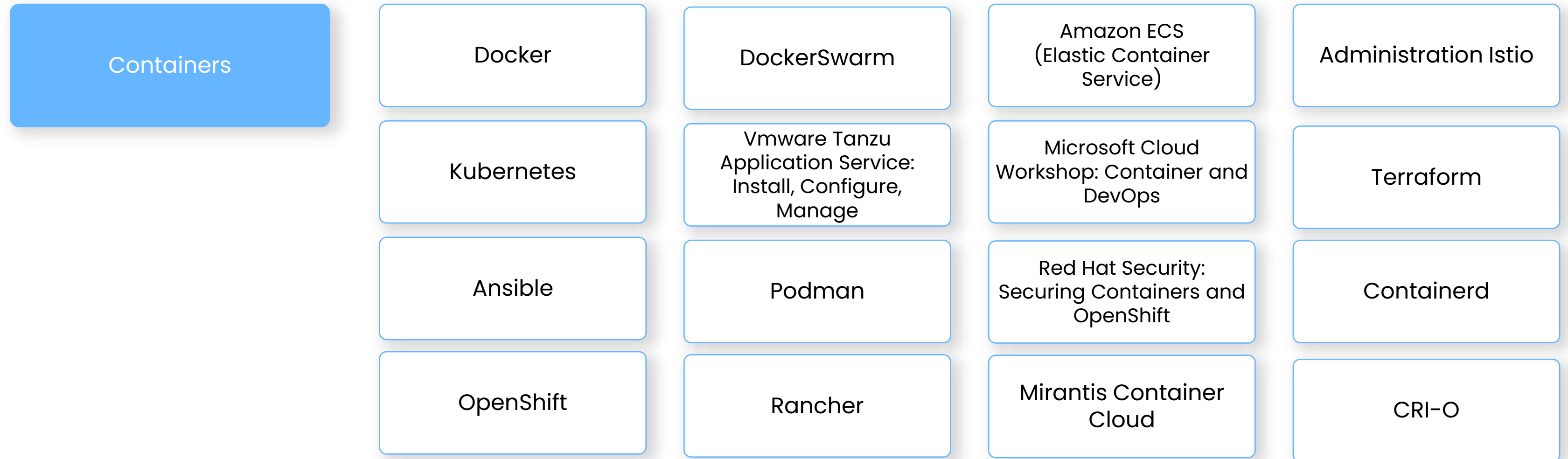| TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Operating Systems (Windows, Linux, macOS)	Fundamental platforms for the operation of computers and servers. Each operating system has its specific features and applications.	Systems administration, servers, personal computers
Red Hat Enterprise Linux (RHEL)	Commercial version of Linux offered by Red Hat, known for its stability and business support. Widely used in enterprise servers and data centers.	Enterprise servers, IT infrastructure, data centers
Fedora	Linux distribution sponsored by Red Hat, known for being innovative and including cutting-edge software. Used by Linux developers and enthusiasts.	Software development, workstations, general use in Linux
CentOS	Linux distribution derived from RHEL, focused on stability and robustness. Used on servers and environments that require a free version of RHEL.	Servers, production environments, enterprise applications
SUSE Linux Enterprise	Linux distribution focused on enterprise environments, known for its robustness and excellent support. Used in servers, high-performance computing and virtualization.	Enterprise servers, HPC, virtualization
Debian	One of the oldest Linux distributions, known for its stability and vast software repository. Used in servers and workstations.	Servers, software development, workstations
Ubuntu	Debian-based Linux distribution, popular for its ease of use and community support. Used on both servers and desktops.	Servers, desktops, software development, general use

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Systems

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
macOS	Apple operating system for its Mac computers. Known for its elegant user interface and integrated ecosystem.	Graphic design, software development, general desktop use
AIX	Unix-like operating system developed by IBM, designed for servers and workstations based on its POWER architecture.	Enterprise servers, critical applications, IBM environments
HP-UX	Unix-like operating system developed by Hewlett-Packard for its systems based on PA-RISC and Itanium architectures.	Enterprise servers, critical applications, HP environments
VMware	Virtualization software used to create and manage virtual machines. Allows you to run multiple operating systems on a single physical server.	Virtualization, data centers, software testing
Apache Hadoop	Framework for distributed processing of large data sets. Used in the analysis of big data and in environments that require parallel processing.	Big Data, data analysis, distributed computing
PowerShell	Scripting language and shell command line developed by Microsoft. Used for automation and system administration in Windows environments.	Task automation, Windows systems administration
Nagios	Network and systems monitoring system that allows you to monitor IT infrastructures and alert about problems.	Systems monitoring, network alerts, IT security
Junos (JNetworks)	Network operating system used on Juniper Networks devices, including routers and switches, for the construction and administration of networks.	Enterprise networks, network infrastructure, network security

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Systems

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Microsoft Intune /Endpoint Manager	Administration and security tool for mobile devices and applications. Allows the management of security policies, applications and configurations on various devices.	Mobile device management, IT security, enterprise application management
Microsoft 365 administration	Suite of cloud tools and services for business collaboration and productivity, including Exchange Online, SharePoint Online, and Microsoft Teams.	Business collaboration, communications management, cloud productivity
Group Policy on Windows	Policy management system for Windows environments that allows you to control and configure settings on computers and servers within an Active Directory network.	Windows systems administration, IT security, network management
RACF (IBM)	IBM mainframe security tool to control access to critical resources on z/OS systems.	Mainframe security, access management, data protection
Parallel Sysplex(IBM)	IBM mainframe architecture designed for high availability and disaster recovery systems.	Mainframe systems, critical operations, disaster recovery
OpenStack	Open source cloud software that provides infrastructure as a service (IaaS) for the deployment and management of private and public clouds.	Cloud infrastructure, virtualization, IT services
Citrix/Microsoft Hyper-V	Virtualization solutions for the creation and management of virtual machines and virtual environments. Citrix is known for application and desktop virtualization solutions, while Hyper-V is Microsoft's virtualization platform.	Server and desktop virtualization, IT infrastructure, systems administration

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Categories: Containers

Technologies and tools

Containers			
Docker	DockerSwarm	Amazon ECS (Elastic Container Service)	Administration Istio
Kubernetes	Vmware Tanzu Application Service: Install, Configure, Manage	Microsoft Cloud Workshop: Container and DevOps	Terraform
Ansible	Podman	Red Hat Security: Securing Containers and OpenShift	Containerd
OpenShift	Rancher	Mirantis Container Cloud	CRI-O

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Containers

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Docker	Container platform that allows applications and their dependencies to be packaged in a virtual container, thus facilitating their deployment and portability.	Application development and deployment, microservices, DevOps
Kubernetes	Container orchestration system to automate the deployment, scaling, and operations of containerized applications.	Container orchestration, large-scale application management, microservices
Ansible	IT automation tool that facilitates configuration management, application deployment and task orchestration.	IT automation, infrastructure management, DevOps
OpenShift	Kubernetes-based container platform, offered by RedHat, which provides additional tools for developing, deploying, and managing containerized applications.	Development of containerized applications, microservices, enterprise platforms
Administration Istio	Tool to connect, manage and secure microservices, providing a control layer for distributed services in Kubernetes.	Service management in Kubernetes, security in microservices, observability
Terraform	Infrastructure-as-code tool for safely and efficiently creating, changing, and improving infrastructure.	Infrastructure automation, cloud management, DevOps
Docker Swarm	Native Docker orchestration tool for managing a Docker container cluster and deploying applications.	Container orchestration, Docker cluster management, application deployment
Vmware Tanzu Application Service:Install, Configure, Manage	VMware platform for building and deploying modern applications, with a focus on installation, configuration and management.	Modern application development, platform management, Vmware Tanzu

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Containers

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Podman	Docker-like tool for container management, which does not require a daemon running and offers greater security in some aspects.	Development and deployment of containerized applications, alternative to Docker
Rancher	Container management platform that simplifies container management Kubernetes, allowing multiple clusters to be managed from a single interface.	Cluster management Kubernetes, microservices implementation, business platforms
Containerd	Entry-level container project, part of the Cloud Native Computing ecosystem Foundation, which focuses on image importing, running, and storing containers.	Running containers, application development, container infrastructure
CRI-O	Lightweight implementation of a Container Runtime Interface (CRI) for Kubernetes, allowing the use of OCI containers in a Kubernetes cluster.	Integration with Kubernetes, deployment and management of containerized applications
Amazon ECS (Elastic Container Service)	AWS container service that allows you to run applications in containers in the cloud, integrating with other AWS services.	Deployment of applications in containers in the cloud, integration with AWS services
Microsoft Cloud Workshop: Container and DevOps	Workshop covering the development, deployment and management of containers, integrated with DevOps practices in the Microsoft Cloud ecosystem.	Container development and operations, DevOps practices, Microsoft Cloud integration
Red Hat Security: Securing Containers and OpenShift	Focus on container and application security in OpenShift, covering practices and tools to protect containerized environments.	Container security, OpenShift environments, DevOps security practices
Mirantis Container Cloud	Platform that provides management of Kubernetes clusters and containers in multiple clouds and on-premise environments.	Kubernetes cluster management, multi-cloud operations, containers

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Categories: Cloud Computing

Technologies and tools

Cloud Computing	Microsoft Azure	Azure DevOps	AWS Cloud Architecture	AWS Cloud Architecture
	Azure Architecture	Azure Chaos Studio	AWS Cloud Operations	Google Cloud Platform(GCP)
	Azure Container App	Azure Kubernetes Service	AWS Machine Learning	Google Data Analytics
	Azure Spring Cloud	Amazon Web Services(AWS)	AWS Cloud Development	Google Project Management
	Google UX Design	Google IT Automation	IBM Cloud	Salesforce Cloud
	Oracle Cloud	VMware Cloud	OpenStack	

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Cloud Computing

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Microsoft Azure	Set of cloud services to build, test, deploy, and manage applications and services across Microsoft data centers.	Application development, analytics services, business solutions
Azure Architecture	Microsoft Azure tools and services for the design and implementation of architectural solutions in the cloud.	Cloud system design, business solutions, IT architecture
Azure Container App	Service in Azure for the deployment and management of containerized applications, facilitating scalability and administration.	Deployment of containerized applications, microservices management, DevOps
Azure Spring Cloud	Managed Service for Spring Boots in Azure, which makes it easy to deploy and operate microservices in the cloud.	Development of microservices, Spring Boots applications, Cloud Computing
Azure DevOps	Set of software development tools that provide version control, project management, and CI/CD.	Software development, continuous integration and deployment, project management
Azure Chaos Studio	Tool for practicing chaos engineering, helping to identify potential problems in cloud applications and services.	Stress testing, application optimization, chaos engineering
Azure Kubernetes Service	Azure-managed Kubernetes service that makes it easy to deploy, manage, and scale containerized applications.	Container orchestration, cloud Kubernetes, microservices

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Cloud Computing

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Amazon Web Services (AWS)	Comprehensive collection of cloud computing services including storage, virtual servers, databases, and machine learning services, among others.	IT infrastructure, application development, big data machine learning
AWS Cloud Development	AWS services and tools for cloud application development, including SDKs, APIs and integrated development environments.	Cloud application development, integration with AWS services, DevOps
AWS Cloud Architecture	Set of practices and tools to design scalable and secure infrastructures and applications on AWS.	Cloud system design, IT architecture, business solutions
AWS Cloud Operations	AWS tools and services for the management and operation of infrastructure and applications in the cloud.	Cloud systems management, DevOps, monitoring and operations
AWS Machine Learning	AWS services and tools for the development and deployment of machine learning solutions, including pre-trained models and learning environments.	Machine learning, data analysis, AI
AWS Cloud Development	AWS services and tools for developing cloud applications, including SDKs, APIs, and integrated development environments.	Cloud application development, integration with AWS services, DevOps
AWS Cloud Architecture	Set of practices and tools to design scalable and secure infrastructures and applications on AWS.	Cloud system design, IT architecture, business solutions

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Cloud Computing

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Google Cloud Platform(GCP)	Suite of cloud computing services that provides hosting, data processing, machine learning and storage, among others.	Cloud services, data analysis, machine learning, data storage
Google Data Analytics	Google Cloud tools and services for data analysis, including BigQuery, Data Flow and visualization tools.	Data analysis, big data, business intelligence
Google Project Management	Google resources and tools for project management, including methodologies and recommended practices.	Project management, team coordination, strategic planning
Google UX Design	Google tools and practices for user experience design, including research, interface design, and usability testing.	UX design, user research, interface development
Google IT Automation	Google tools and services for automating IT tasks and processes, including scripting and systems integration.	IT automation, scripting, systems integration
Google IT Support	Google resources and tools for IT support, including systems, network, and technical issue management.	IT support, systems management, networks and security
IBM Cloud	Cloud computing platform that offers a range of services such as IaaS, PaaS and SaaS, including AI solutions, blockchain and more.	Business solutions, AI, blockchain, Cloud Computing

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Cloud Computing

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Salesforce Cloud	Cloud CRM platform that provides tools for sales, customer service, marketing and analytics.	Customer relationship management, sales automation, cloud marketing
Oracle Cloud	Oracle's cloud services offering includes applications, platforms, and infrastructure services, with an emphasis on databases and enterprise applications.	Databases, business applications, cloud computing
VMware Cloud	VMware solution that offers hybrid cloud services, allowing companies to integrate their data center infrastructure with the cloud.	Hybrid cloud, virtualization, infrastructure management
OpenStack	Open source cloud software to create and manage private and public cloud infrastructure, providing IaaS.	Private and public clouds, infrastructure as a service, cloud computing

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Categories: Back office

Technologies and tools

Back office

Small Business Server – SBS	SAP	Xero
Exchange	BizTalk	ADP Workforce Now
Exchange Online	Oracle E-Business Suite	Sage
SharePoint	Microsoft Dynamics 365	NetSuite
SMS	Workday	Salesforce Finance ServicesCloud
QuickBooks	MOSS	

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Back office

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Small Business Server – SBS	Server operating system designed for small businesses, including features such as email, collaboration, and security.	Small business, server management, email
Exchange 2003/2007/2010/2013/2016/2019	Microsoft email and collaboration platform that enables email and calendar management.	Corporate communications, email, collaboration
Exchange Online	Microsoft cloud-hosted email service that offers email, calendaring, and online collaboration.	Cloud communications, email, collaboration
Systems Management Server – SMS	Microsoft systems and configuration management system that allows you to manage and distribute software and updates over a network.	Systems administration, software distribution, configuration management
SharePoint 2003-2016-2019	Microsoft content management and collaboration platform that enables website creation and document collaboration.	Team collaboration, content management, web portals
SharePoint Online	Microsoft cloud service that provides SharePoint functionality, enabling collaboration and online document storage.	Cloud collaboration, content management, web portals
SharePoint Server SE for power Users	Special edition of SharePoint Server designed for advanced users, offering additional customization and management capabilities.	Solution developers, advanced administration, SharePoint
Moss (Microsoft Office SharePoint Server)	Previous version of SharePoint Server that provides a platform for collaboration, content management, and business applications.	Business collaboration, content management, custom applications

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Back office

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
BizTalk	Microsoft integration platform that enables the automation of business processes and communication between applications and systems.	Business integration, process automation, systems communication
SAP	Enterprise resource planning (ERP) system that integrates business processes such as finance, logistics, production and human resources.	Business management, ERP, human resources, finance
Oracle E-Business Suite	Set of business applications covering areas such as finance, human resources, project management and supply chain.	Business management, ERP, human resources, project management
Microsoft Dynamics 365	Business application suite including CRM (Customer Relationship Management) and ERP (Enterprise Resource Planning) for sales, marketing, finance and more.	Customer relationship management, business management, sales and marketing
Workday	Cloud software platform for human resources management, payroll and workforce planning.	Human resources management, payroll, personnel planning
QuickBooks	Accounting and financial management software designed for small businesses, including income and expense tracking, invoicing, and more.	Accounting, finance, small business
Xero	Cloud accounting software that offers accounting, invoicing, expense tracking, and finance management features for businesses.	Cloud accounting, finance, small and medium businesses
ADP Workforce now	Human resources management platform covering payroll, time and attendance, and employee benefits administration.	Human resources, payroll, personnel management

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Back office

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
sage	Business management software including accounting, payroll, inventory management and project management solutions.	Accounting, business management, payroll
NetSuite	Cloud business application suite spanning ERP, CRM, e-commerce and financial management for businesses of all sizes.	Business management in the cloud, ERP, CRM, e-commerce
Salesforce Finance Services Cloud	Salesforce solution designed for the financial sector, including customer, account and finance management in the cloud.	Financial services, customer relationship management, finance

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Categories: Databases
Technologies and tools

Databases

OracleDatabase	Cassandra	Couchbase	IMS
Microsoft SQL Server	Microsoft Access	SQL Server 2016 Reporting Services	Transact-SQL
MySQL	Elastic Search	Oracle DBA	Teradata
PostgreSQL	SQLite	Oracle Portal	NoSQL
MongoDB	Amazon RDS	PL/SQL	Riak
Redis	IBM Db2	Neo4j	Microsoft Azure Table Storage
Informix	MarkLogicserver	Amazon SimpleDB	

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Databases

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Oracle Database	Market-leading relational database management system, offering advanced management and scalability capabilities.	Companies, business applications, data management
Microsoft SQL Server	Microsoft relational database management platform, providing on-premises and cloud database solutions.	Companies, business applications, data analysis
MySQL	Open source database management system, widely used in web and open source applications.	Web applications, software development, startups
PostgreSQL	Open source relational database management system, known for its robustness and advanced capabilities.	Software development, data analysis, companies
MongoDB	Document-oriented NoSQL database, which allows storing semi-structured and non-relational data.	Web applications, data analysis, document storage
Redis	In-memory data caching system, used to accelerate data delivery in real-time applications.	Data caching, real-time applications, caching
Cassandra	Distributed NoSQL database designed to handle large volumes of data distributed across server clusters.	Big data, distributed applications, data analysis
Microsoft Access	Microsoft database application that allows the creation of desktop databases for small and medium-sized businesses.	Small business, desktop databases, custom applications

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Databases

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
SQLite	Open source database engine commonly used in mobile applications and embedded systems.	Mobile applications, embedded systems, rapid development
Amazon RDS	Amazon Web Managed Database Services (AWS) that offers access to various relational databases.	Database hosting, cloud, scalability
IBM Db2	IBM relational database management system, used in enterprise applications and mainframes.	Enterprises, enterprise applications, mainframes
Couchbase	Distributed NoSQL database combining document and caching capabilities, used in web and mobile applications.	Web applications, mobile applications, data analysis
SQL Server 2016 Reporting Services	Microsoft SQL Server reporting service that enables the creation and publishing of business reports.	Creating business reports, data analysis
Oracle DBA	Oracle database administrator who is responsible for the management and optimization of Oracle databases.	Oracle Database Administration, Performance Optimization
Oracle Portal	Oracle tool that allows you to create web portals and custom web applications with access to databases.	Development of web portals, custom web applications
PL/SQL	Oracle procedural programming language used to develop applications and stored procedures in Oracle databases.	Application development, stored procedures, Oracle databases

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Databases

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
IMS (Information Management System)	IBM hierarchical database management system used in mainframe and enterprise applications.	Enterprise applications, mainframes, hierarchical databases
Transact-SQL	SQL extension used in Microsoft databases, including SQL Server.	Application development, database queries, Microsoft databases
Teradata	Relational database management system used for data analysis and data warehousing.	data analysis, data warehousing, companies
NoSQL	Category of databases that do not use the relational model, suitable for unstructured or semi-structured data.	Big data, web applications, NoSQL databases
Riak	NoSQL distributed database designed for high availability and scalability.	Web applications, high availability, scalability
Microsoft Azure Table Storage	Semi-structured data storage service in the Microsoft Azure cloud.	Semi-structured data storage in the cloud
Informix	IBM relational database management system used in high-performance and enterprise applications.	Business applications, high performance, IBM databases
MarkLogic Server	NoSQL database that allows semi-structured data management and advanced search.	Advanced search, semi-structured data management

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Databases

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Elastic Search	Search engine and real-time data analysis used in web and search applications.	Real-time search, data analysis, web applications
Neo4j	Graph-oriented database used to represent and query data in the form of graphs.	Network analysis, graph queries, graph applications
Amazon SimpleDB	Amazon Web Cloud Database Services(AWS) that provides a structured database in the cloud.	Cloud data storage, applications

SEIDOR

Categories: Development

Technologies and tools

Development	Python	Mean	Cobol	Programming with Microsoft ADO.Net	Erlang	Apache Spark
	Javascript	Clojure	Bash/ShellScript	Programming with XML in .NET	PHP	Dart
	C#	Haskell	ADA	ASP.Net	Ruby	Lua
	SQL	Angular	Synfony3	VisualBasic	Swift	YAML
	TypeScript	AngularJS	Fortran	F#	Rust	Julia
	Go (Golang)	Springboots	Elixir	Bash/Shell Script	Application Development – Using Google Cloud Run	
	React(Reactjs)	PUPPET	NodeJs	Kotlin	scala	
	VueJs	Hibernate-Struts	c	Groovy	perl	

SEIDOR

Development

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
PYTHON	A high-level, interpreted, general-purpose language. Stands out for its readability	Data science, AI, web development, scripting
JAVASCRIPT	Client-side and server-side scripting language for web development. It is essential for creating interactive user interfaces and is used with technologies such as Node.js for server side development.	Web development, mobile applications, server development
JAVA	Object-oriented programming language, known for its portability between different platforms	Enterprise applications, Android, large scale systems
C#	Language developed by Microsoft, part of the .NET ecosystem. Used for a wide range of applications, from video games with Unity to desktop and web applications.	Development of video games, desktop and web applications
SQL	Query language to manage and manipulate relational databases.	Database management, data analysis
TypeScript	JavaScript superset that adds static typing. Increases the scalability and maintainability of the code in large web development projects.	Web development, large scale applications
Go (Golang)	Developed by Google, it is a compiled, concurrent, and garbage-collected programming language.	High-performance systems, container and microservices development

SEID O R

Development

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
React (Reactjs)	JavaScript library developed by Facebook to build user interfaces. It is widely used to create web and mobile applications.	Web development, mobile applications
VueJs	Progressive JavaScript framework for building user interfaces. It stands out for its ease of integration and its focus on the view layer.	Web development, single page applications
Mean (Mongo Express Angular Node)	Stack Complete JavaScript development, used to build dynamic web applications and websites. Includes MongoDB, Express.js, Angular, and Node.js.	Web development, single page applications
Angular	Development framework for web applications developed by Google. It uses TypeScript and is known for its ability to create efficient single page applications.	Web development, single page applications
AngularJs	Predecessor of Angular, it is a JavaScript-based framework for developing web applications. Although it has been largely replaced by Angular, it is still used in existing projects.	Web development, single page applications
Spring Boots	Java framework for creating Spring-based applications quickly and easily. Used for microservices and web applications.	Java application development, microservices

SEIDOR

Development

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Puppet	Configuration management tool that automates IT infrastructure administration. Use your own declarative language.	Infrastructure automation, DevOps
Hibernate - Struts	Hibernate is a framework object-relational mapping for Java. Struts is a framework for the development of web applications based on Java.	Java application development, web development
Cobol	High-level business-oriented programming language. Although it is old, it is still used in financial and administrative systems.	Business systems, finance
Bash/ShellScript	Scripting language used in Unix-based operating systems for task automation and system management. Fundamental in systems administration and DevOps.	Automation, container management
ADA	High-level programming language, mainly used in critical systems such as avionics and air traffic control.	Critical systems, defense, aviation
Synfony3	Framework for web applications in PHP. It is known for its modularity and performance.	Web development, PHP applications
Fortran	High-level programming language.	Scientific computing, numerical analysis
Node.js	Execution environment for JavaScript on the server. Used to build scalable web applications, especially real-time applications with many concurrent connections.	Web development, real-time applications

SEIDOR

Development

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
C	One of the oldest and still widely used programming languages. It is essential for the development of operating systems and low-level software.	Embedded systems, programming language development
C++	General-purpose programming language with a focus on object-oriented programming and generic programming. Used for system software, high-performance applications and video games.	Embedded systems, desktop applications, video games
Programming with Microsoft ADO.Net	ADO.NET is a set of components on the .NET platform for data access and database manipulation.	.NET development, databases
Programming with XML in .NET	XML is used in the .NET platform for various functions, including application configuration and data management.	.NET development, application configuration
ASP.Net	Framework for web applications developed by Microsoft. It allows you to create dynamic websites, web applications and web services.	Web development, Internet applications
VisualBasic	Event-oriented programming language developed by Microsoft. Used for desktop applications and database access on Windows.	Windows application development, database access
F#	Functional programming language that is part of the .NET ecosystem. Used to develop secure, robust and high-performance systems.	.NET development, back-end applications
Bash/ShellScript	Scripting language used in Unix-based operating systems for task automation and system management. Fundamental in systems administration and DevOps.	Automation, container management

SEIDOR

Development

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Kotlin	Modern programming language that runs on the JVM. Popular for Android development, it stands out for its conciseness and interoperability with Java.	Android development, desktop applications
PHP	Server-side scripting language widely used in web development. It is the basis of content management systems such as WordPress and Drupal.	Web development, CMS like WordPress
Swift	Developed by Apple for iOS, macOS, watchOS and tvOS. It is a safe, fast and expressive programming language.	iOS/macOS development
Ruby	Interpreted and object-oriented programming language. It is known for its clear syntax and its use with the framework Ruby on Rails for rapid web development.	Web development, scripting
Rust	Programming language that focuses on security and performance. It is ideal for system, video game and software applications that require efficient management of resources and memory.	Operating systems, video games, system applications
Application development using Google Cloud Run	Google Cloud Run is a serverless computing service for containers. Used to deploy applications on Google Cloud infrastructure.	Cloud development, serverless applications

SEIDOR

Development

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Scala	Type-safe programming language that integrates functional and object-oriented programming features. Used in data processing and enterprise applications, especially with ApacheSpark for bigdata.	System of big data, back-end applications
Perl	High-level scripting language, used for a wide variety of tasks, such as data extraction and reporting, task automation, and web development.	Scripting, web development
Apache Spark(Scala)	Processing Framework big data based on Scala. It allows data processing in real time and in parallel, being a key tool in the analysis of bigdata.	Big Data, real-time processing, data analysis
Dart	UI-optimized programming language, developed by Google. Mainly used with the framework Flutter to create native mobile applications for Android and iOS.	Mobile application development
Lua	Lightweight scripting language with a simple C API. Used in video game development, embedded applications and to extend applications.	Video games, scripting, embedded applications
YAML	Data serialization format used to write container configurations and automation scripts. Although it is not a programming language, it is crucial in DevOps and container environments.	Container configuration, DevOps

SEIDOR

Development

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Groovy	Programming language based on the Java platform that integrates features from Python, Ruby and Smalltalk. Used for application development and scripting in the Java ecosystem.	Application development, automation
Elixir	Functional language that runs on the Erlang virtual machine. Known for its ability to handle distributed and highly available systems.	Scalable applications, concurrent systems
Clojure	Modern Lisp dialect for the Java virtual machine. It is used in functional programming, concurrent systems, and data processing.	Functional programming, concurrent systems
Haskell	Purely functional programming language, known for its strong type system and lazy evaluation. Used in academia and for the development of complex and highly reliable software.	Academic applications, complex software development
Erlang	Concurrent and distributed programming language. Used in telecommunications systems and applications that require high availability and scalability.	High concurrency systems, telecommunications
Julia	High-level, high-performance programming language for numerical and scientific calculations. It is efficient for handling large data sets and complex mathematical operations.	Big Data, Machine Learning, scientific investigation

SEIDOR

Categories: Big Data
Technologies and tools

Big Data

Hadoop	Cloudera	Apache Cassandra	Google GCP
Apache Spark	Apache NiFi	Big Data With Mongodb	Data wrangling, data munging y data tidying
Apache Hive	Apache Zeppelin	Data Integration with Pentaho	Apache Beam
Apache Pig	Databricks	Cluster Analysis Data Mining	QlikView
Apache Flink	Snowflake	Data Chart With Mondrian	Apache Beam
Elasticsearch	Presto	Data wrangling, data munching and data tidying	Linked Data Vs Big Data
Splunk	Apache Kylin	Tableau	

SEIDOR

Big Data

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Hadoop	Open source software framework used for distributed data storage and processing. Includes HDFS and MapReduce.	Distributed storage, data processing, Big Data analysis
Apache Spark	In-memory data processing platform that provides real-time processing and analysis capabilities.	Real-time processing, data analysis, data processing
Apache Hive	Big Data data storage and analysis platform that uses a language similar to SQL.	Data queries in Big Data, data analysis
Apache Pig	Big Data data analysis language and platform that simplifies writing scripts for data processing.	Data processing in Big Data, data analysis
Apache Kafka	Real-time data transmission system used for real-time data ingestion and processing.	Real-time data transmission, data ingestion
Apache Flink	Real-time and batch data processing framework that offers low delay and high speed.	Real-time processing, data analysis
elasticsearch	Search engine and real-time data analysis used in web and search applications.	Real-time search, data analysis, web applications
Splunk	Data analysis platform that allows you to search, monitor and visualize data in real time.	Data monitoring, real-time analysis, security
Tableau	Data visualization tool that allows you to create interactive reports and dashboards based on data.	Data visualization, report creation

SEIDOR

Big Data

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Cloudera	Big Data data management platform that includes Hadoop distributions and administration tools.	Big Data Management, Hadoop Distributions
ApacheNiFi	Data flow automation platform that facilitates data ingestion, enrichment and transfer.	Data ingestion, data flow automation
Apache Zeppelin	Interactive notebook used for data exploration and visualization in Big Data.	Data exploration, data visualization
Databricks	Cloud-based data processing and analysis platform based on Apache Spark.	Cloud processing, Big Data analysis
snowflake	Cloud-based data warehousing and analytics platform offering data warehousing capabilities.	Cloud storage, data warehousing
Apache Beam	Unified data processing framework that enables real-time and batch processing on Big Data.	Unified data processing, real-time analysis
Presto	Distributed SQL query engine used for interactive queries on large data sets.	SQL queries in Big Data, data analysis
Apache Kylin	Real-time data analysis engine used to process OLAP queries on Big Data.	OLAP processing in Big Data, real-time analysis

Big Data

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Big Data with Mongodb	Using MongoDB in Big Data environments for storing and querying unstructured data.	Storage of unstructured data, queries in Big Data
Data Integration with Pentaho	Open source data integration platform that enables ETL (extraction, transformation and loading) of data in Big Data environments.	Data integration, ETL in Big Data
Cluster Analysis Data Mining	Data analysis technique used to identify patterns and groups in large data sets.	Pattern analysis, data segmentation
Data Chart With Mondrian	OLAP (online analytical processing) tool used for creating data tables in Big Data.	Creation of data tables, OLAP in Big Data
QlikView	Data analysis platform that allows visualization and exploration of data in real time.	Data visualization, real-time analysis
Data wrangling, data munging y data tidying	Data preparation and cleaning processes in Big Data and Data Science projects..	Data preparation, data cleaning
Linked Data Vs Big Data	Comparison between Linked Data and Big Data, two different approaches to data management.	Data management, comparison of approaches
Google GCP	Google Cloud platform that offers Big Data and Machine Learning solutions in the cloud.	Cloud solutions, Google Cloud

SEIDOR

Categories: Mobile Technology

Technologies and tools

Mobile technology					

Mobile technology	Android Studio	Android Studio	Mobile Cross-Platform Development	Ionic	PhoneGap
	iOS	Mobile DevOps	Location-Based Services	5G Fundamentals	progressiveWeb Apps (PWAs)
	React Native	Kotlin	Cocoa Touch	IDE Xcode	Appium
	Flutter	Firebase	Windows Phone	jQuery Mobile	NET MAUI
	Xamarin	ApacheCordova	Unity	RIM (Research In Motion)	

SEIDOR

Mobile technology

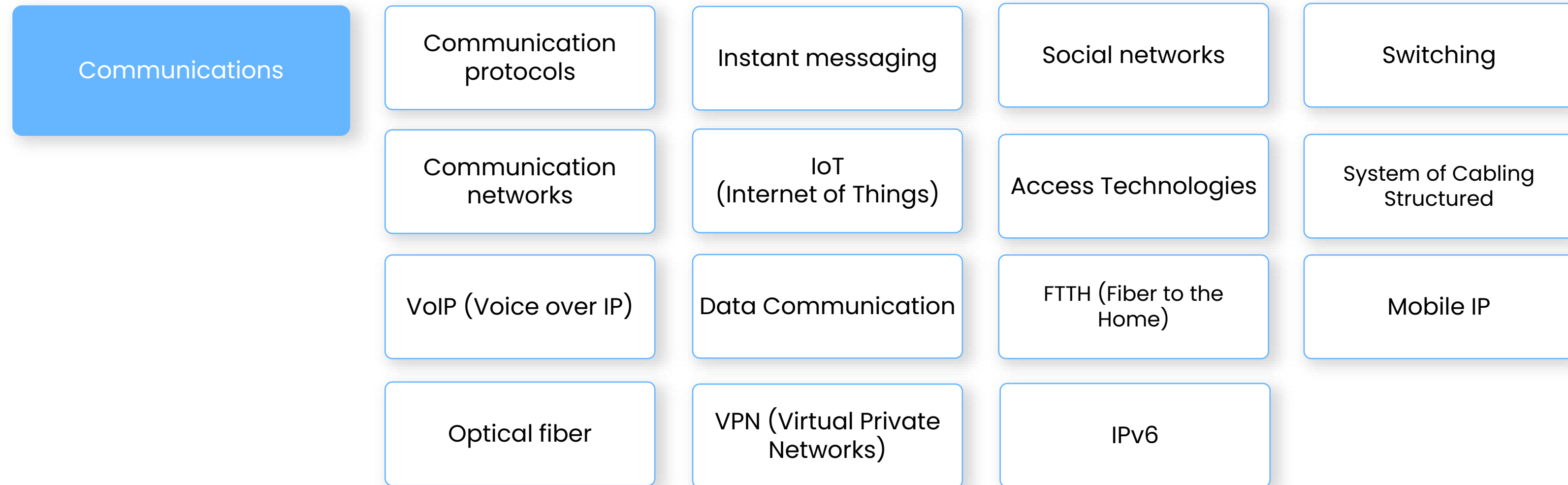| TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Android Studio	Official Android Integrated Development Environment (IDE) for building native Android apps.	Native Android application development
iOS Development (Xcode)	Apple development environment for creating native iOS apps for iPhone and iPad devices.	Native iOS App Development
ReactNative	Open source development framework that allows you to create cross-platform mobile applications using JavaScript and React.	Cross-platform mobile application development
flutter	Google's open source SDK for developing native mobile apps with a single code base.	Cross-platform mobile application development
Xamarin	Development platform that allows you to create native mobile applications for iOS, Android and Windows using C#.	Cross-platform mobile application development
NET MAUI	Open source, .NET-based cross-platform mobile app development framework that allows you to build apps for Android, iOS, macOS, and Windows from a single code base.	Cross-platform mobile application development with .NET
Appium	Test automation framework that allows testing mobile applications on iOS and Android platforms.	Test automation in mobile applications
Mobile DevOps	Development and operations (DevOps) practices and tools adapted to mobile development projects.	Continuous integration, continuous delivery in mobile projects
Swift	Apple programming language used in the development of iOS and macOS applications.	Swift programming, Apple application development

Mobile technology

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Kotlin	Programming language used in the development of Android applications and compatible with Java.	Programming in Kotlin, Android application development
Firebase	Google mobile app development platform that provides services such as authentication, real-time database, and analytics.	Mobile application development, cloud services
Apache Cordova	Platform that allows you to create mobile applications using web technologies such as HTML, CSS and JavaScript.	Web-based mobile application development
PhoneGap	Adobe mobile development framework that uses Apache Cordova to create cross-platform mobile applications.	Cross-platform mobile application development
Progressive Web Apps (PWAs)	Web applications that offer mobile application functionality and can be used without downloading an application.	Progressive web application development
Mobile Cross-Platform Development	Development of cross-platform mobile applications that work on multiple operating systems.	Cross-platform mobile application development
Location-BasedServices	Services that use the user's location on mobile devices to provide relevant information.	Location-based application development
Cocoa Touch	Mobile app development framework for iOS that provides tools and libraries to build native apps on Apple devices.	Native app development for iOS
Windows Phone	Mobile operating system developed by Microsoft for Windows Phone devices.	Windows Phone application development

SEIDOR

Mobile technology

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
jQuery Mobile	Mobile application development framework based on jQuery and HTML5 that allows you to create mobile web applications compatible with multiple platforms.	Cross-platform mobile web application development
Unity	Multiplatform video game development engine that allows you to create games for mobile devices, consoles and PC.	Cross-platform game development
RIM (Research In Motion)	Former name of the company BlackBerry Limited, known for its BlackBerry devices.	Application development for BlackBerry devices
Ionic	Hybrid mobile app development framework that uses web technologies such as HTML, CSS, and JavaScript to create cross-platform applications.	Hybrid Mobile App Development
5G Fundamentals	Set of technologies and standards associated with the 5G network that allow greater speed and connection capacity on mobile devices.	Development of applications and services for 5G networks
IDE Xcode	Apple integrated development environment (IDE) used to create native applications for iOS, macOS, watchOS, and tvOS.	Application development for Apple devices

Categories: Communications

Technologies and tools

Communications	Communication protocols	Instant messaging	Social networks	Switching
	Communication networks	IoT (Internet of Things)	Access Technologies	System of Cabling Structured
	VoIP (Voice over IP)	Data Communication	FTTH (Fiber to the Home)	Mobile IP
	Optical fiber	VPN (Virtual Private Networks)	IPv6	

SEIDOR

Communications

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Communication protocols	Set of rules and standards that govern communication between devices on a network, such as TCP/IP, HTTP, FTP, SMTP, etc.	Network communication, data transfer
Communication networks	Network infrastructures that allow connectivity between devices, including LAN, WAN, MAN, VPN, etc.	Network design and administration
VoIP (Voice over IP)	Technology that allows voice transmission over IP networks, such as the Internet, for digital telephone calls.	IP telephony, online voice services
Optical fiber	Data transmission medium that uses fiber optic cables to transmit information through pulses of light.	Fiber optic network infrastructure
Social networks	Online platforms that allow communication and exchange of information between users, such as Facebook, Twitter, LinkedIn, etc.	Social media, digital marketing
Instant messaging	Applications that allow real-time communication through text, voice and video messages, such as WhatsApp, Telegram, etc.	Instant communication, online chat
IoT (Internet of Things)	Connecting physical devices and objects to the Internet for data transmission and process automation, such as smart sensors.	IoT application development, automation
Data Communication	Transfer of information between devices through cables or wirelessly, used in telecommunications and data networks.	Data transfer, business communications

SEIDOR

Communications

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
VPN (Virtual Private Networks)	Technology that allows the creation of secure private networks on public networks, used for remote connections and security in data transmission.	Secure connections, remote access
switching	Technology that allows the interconnection of devices on a network for efficient data routing.	Switched networks, traffic management
Access Technologies	Technologies that enable access to communication networks, including access via copper, FTTH, PON networks and WDM PON.	Access to communication networks
Structured Cabling System	Cabling infrastructure that provides reliable connectivity for data transmission, including copper and fiber optics.	Network cabling, communication infrastructure
VPN (Virtual Private Networks)	Technology that allows the creation of secure private networks on public networks, used for remote connections and security in data transmission.	Secure connections, remote access
IPv6	Version of the Internet Protocol (IP) that replaces IPv4 and provides a greater number of IP addresses, necessary for the growth of the Internet.	IPv6 implementation, protocol transition
FTTH (Fiber to theHome)	Technology that provides fiber optic access directly to homes, offering high-speed Internet connections.	High speed connections, fiber optic access
Mobile IP	Implementation of IPv4/v6 in 3G, 4G, 5G and LTE mobile networks for data transmission and advanced mobile services.	Mobile communications, 3G/4G/5G services

SEID O R

Categories: Testing– Continuous integration

Technologies and tools

Testing- Continuous integration

Software Testing	JUnit	JIRA	OSCP Testing with Kali Linux
Jenkins	TestNG	TestRail	FrameworkTesting for Python
Travis CI	Appium	CircleCI	Testing Techniques
Selenium	Postman	GitLab CI/CD	Unit Test with C#
Testing Software QA	ISTQB	AgileTesting	
Code Coverage	Sonar	GIT	

SEIDOR

Testing– Continuous integration

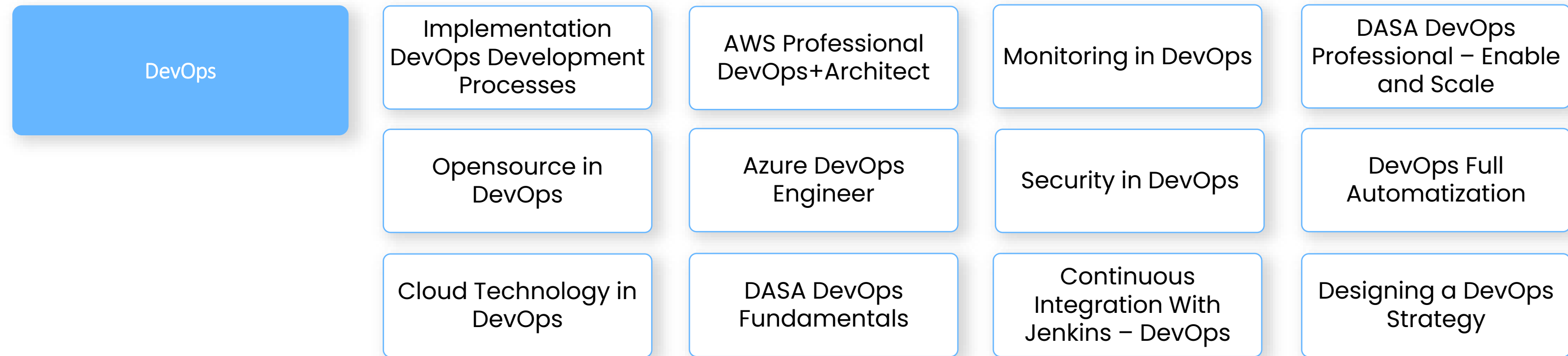| TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Software Testing	Set of practices and tools used to evaluate the quality and performance of software, including manual and automated testing.	Software quality testing, functionality verification
Jenkins	Open source continuous integration tool that automates application building, testing, and deployment.	Continuous integration, continuous delivery
Travis CI	Cloud-based continuous integration service that integrates with code repositories to automatically run tests.	Testing and deployment in collaborative development environments
Selenium	Open source toolkit for automating functional testing of web applications.	Test automation in web applications
JUnit	Unit testing framework for Java applications, widely used in agile development and software testing.	Unit testing in Java, agile development
TestNG	JUnit-inspired testing framework, designed for more advanced testing, including regression and integration testing.	Advanced testing in Java
Appium	Mobile test automation tool that allows you to test applications on Android and iOS devices.	Mobile Test Automation
Postman	API development platform that allows you to test, document and debug web APIs.	API testing and development

Testing– Continuous integration

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
JIRA	Project management and issue tracking tool that makes it easy to plan and track tests.	Development and testing project management
TestRail	Test management tool that allows you to plan, track and manage test cases and test results.	Test case and results management
CircleCI	Continuous integration platform that automates the building, testing, and deployment of applications in container-based environments.	Continuous integration in containers
GitLab CI/CD	Continuous integration and continuous delivery tool integrated into the GitLab platform for software development.	Integrated CI/CD with GitLab repositories
Code Coverage	A measure that indicates how much of an application's source code has been tested by testing.	Test coverage evaluation
Sonar	Static code analysis platform that helps identify quality problems in source code.	Code quality analysis, problem detection
GIT	Version control system that allows collaborative tracking and management of source code.	Version control, development collaboration
Testing Techniques	Set of techniques and methodologies used in software testing, including JUnit, JMeterand Selenium.	Application of testing, performance evaluation and automation techniques

Testing– Continuous integration

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
QA Software Testing	Discipline that focuses on ensuring software quality through testing and quality assurance.	Quality assurance, software quality assessment
ISTQB	International certification in software testing that validates knowledge and skills in this field.	Software Testing Certification
Agile Testing	Testing approach that adapts to agile software development principles, with continuous and integrated testing.	Testing in agile development environments
Unit Test with C#	Unit tests in C# that allow you to verify the operation of individual components of an application.	Unit testing in C#
Testing Framework for Python	Set of tools and libraries to perform software testing in Python efficiently.	Software testing in Python
OSCP Testing with Kali Linux	Certification and skills in penetration testing and computer security with Kali Linux.	Computer security, penetration testing

SEIDOR

Categories: DevOps

Technologies and tools

DevOps

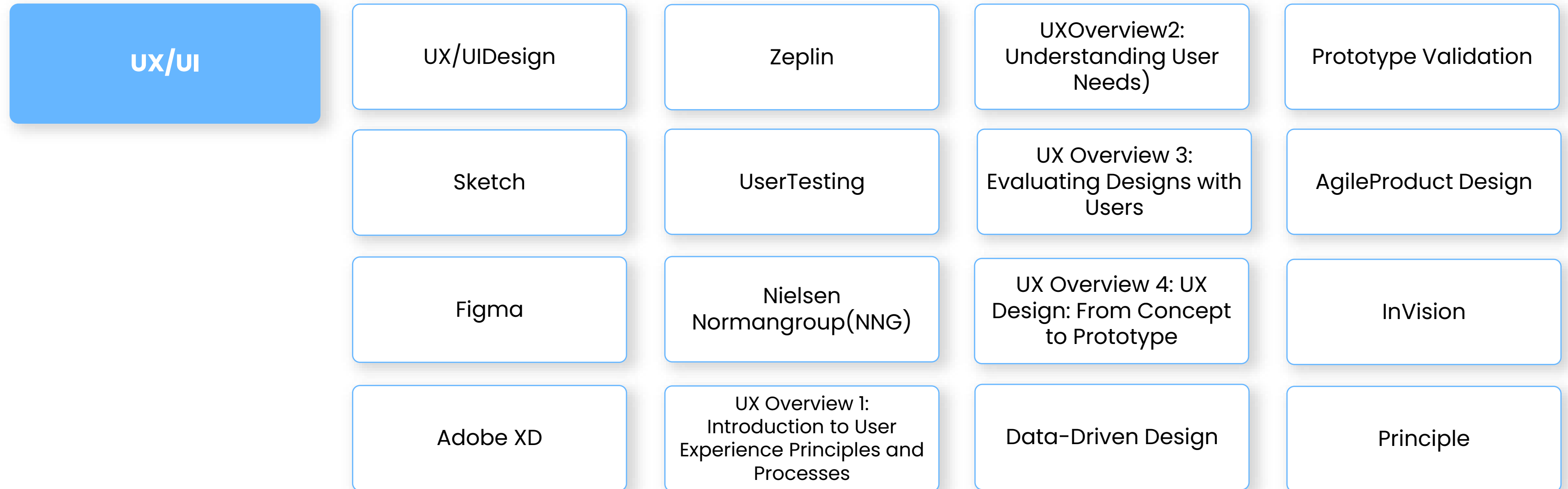| Implementation DevOps Development Processes	AWS Professional DevOps+Architect	Monitoring in DevOps	DASA DevOps Professional – Enable and Scale
Opensource in DevOps	Azure DevOps Engineer	Security in DevOps	DevOps Full Automatization
Cloud Technology in DevOps	DASA DevOps Fundamentals	Continuous Integration With Jenkins – DevOps	Designing a DevOps Strategy

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DevOps

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Implementing DevOps Development Processes	Course that addresses software development practices and processes in a DevOps environment.	Software development in DevOps environments
Opensource in DevOps	Exploring the use of open source tools and technologies in the context of DevOps.	Implementation of open source tools in DevOps
Cloud Technology in DevOps	Using cloud technologies as part of DevOps practices for application delivery and scalability.	Cloud integration in DevOps
Monitoring in DevOps	Focus on monitoring and observability of applications and systems in DevOps environments.	Application monitoring in DevOps
Security in DevOps	Security considerations and good practices in the context of DevOps to protect applications and data.	Security in DevOps environments
Continuous Integration With Jenkins – DevOps	Course that focuses on continuous integration with Jenkins in a DevOps context.	Continuous integration with Jenkins
AWS Professional DevOps+ Architect	Certification and skills in DevOps and AWS cloud architecture.	Certification in DevOps and architecture in AWS
Azure DevOps Engineer	Certification and skills in DevOps engineering in the Azure environment.	Azure DevOps Engineering Certification

DevOps

| TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
DASA DevOps Fundamentals	Fundamentals of DevOps according to the DASA (DevOps Agile Skills Association) approach.	DevOps Fundamentals According to DASA
DASA DevOps Professional – Enable and Scale	Advanced DevOps course according to DASA that addresses enablement and scalability.	Advanced in enabling and scalability according to DASA
DevOps Full Automatization	Focus on complete automation of processes and workflows in DevOps.	Complete automation in DevOps
Designing a DevOps Strategy	Course that focuses on designing effective DevOps strategies for organizations.	DevOps strategy design

SEIDOR

Categories: UX/UI

Technologies and tools

UX/UI	UX/UIDesign	Zeplin	UXOverview2: Understanding User Needs)	Prototype Validation
	Sketch	UserTesting	UX Overview 3: Evaluating Designs with Users	AgileProduct Design
	Figma	Nielsen Normangroup(NNG)	UX Overview 4: UX Design: From Concept to Prototype	InVision
	Adobe XD	UX Overview 1: Introduction to User Experience Principles and Processes	Data-Driven Design	Principle

SEIDOR

UX/UI

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
UX/UI Design	User Experience Design (UX) and User Interface Design (UI) that focuses on creating intuitive and attractive interfaces for applications and websites.	App and website design
Sketch	Vector design and prototyping application specially designed for interface designers.	Interface design, prototyping
Figma	Cloud-based collaborative design tool that enables real-time collaboration on design projects.	Collaborative design, prototyping
Adobe XD	User experience (UX) design and prototyping application that facilitates the creation of interactive prototypes.	User experience design, prototyping
InVision	Prototyping and collaboration platform that helps designers and teams create and share interactive prototypes.	Prototyping, design collaboration
principle	Interaction design application that allows you to create animations and transitions for application prototypes.	Interaction design, prototyping
Zeplin	Collaboration tool for designers and developers that makes it easy to transfer designs to code.	Designer-developer collaboration
UserTesting	Platform that allows usability testing and obtaining feedback from real users on applications and websites.	Usability testing, user research

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UX/UI

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Nielsen Norman Group (NNG)	Organization that offers courses and resources on usability and user-centered design.	Training in usability and user-centered design
UX Overview 1: Introduction to User Experience Principles and Processes	Introductory course that covers the fundamental principles and processes of User Experience (UX).	UX fundamentals, design principles
UX Overview 2: Understanding User Needs	Course that focuses on understanding user needs and behaviors in UX design.	User research, needs analysis
UX Overview 3: Evaluating Designs with Users	Course that addresses how to evaluate UX designs through testing with real users.	Usability testing, design evaluation
UX Overview 4: UX Design: From Concept to Prototype	Course that explores the UX design process, from conception to prototyping.	Prototype design, UX design
Validación de Prototipos	Technique to validate the effectiveness of design prototypes through user testing.	Design validation, prototype iteration
Agile Product Design	Product design approach that is integrated with agile development methodologies.	Agile product design
Data-Driven Design	Data-driven design that uses information and metrics to make design decisions.	Data-driven design, metrics analysis

Categories: Blockchain

Tools/courses

Blockchain

Tools

courses

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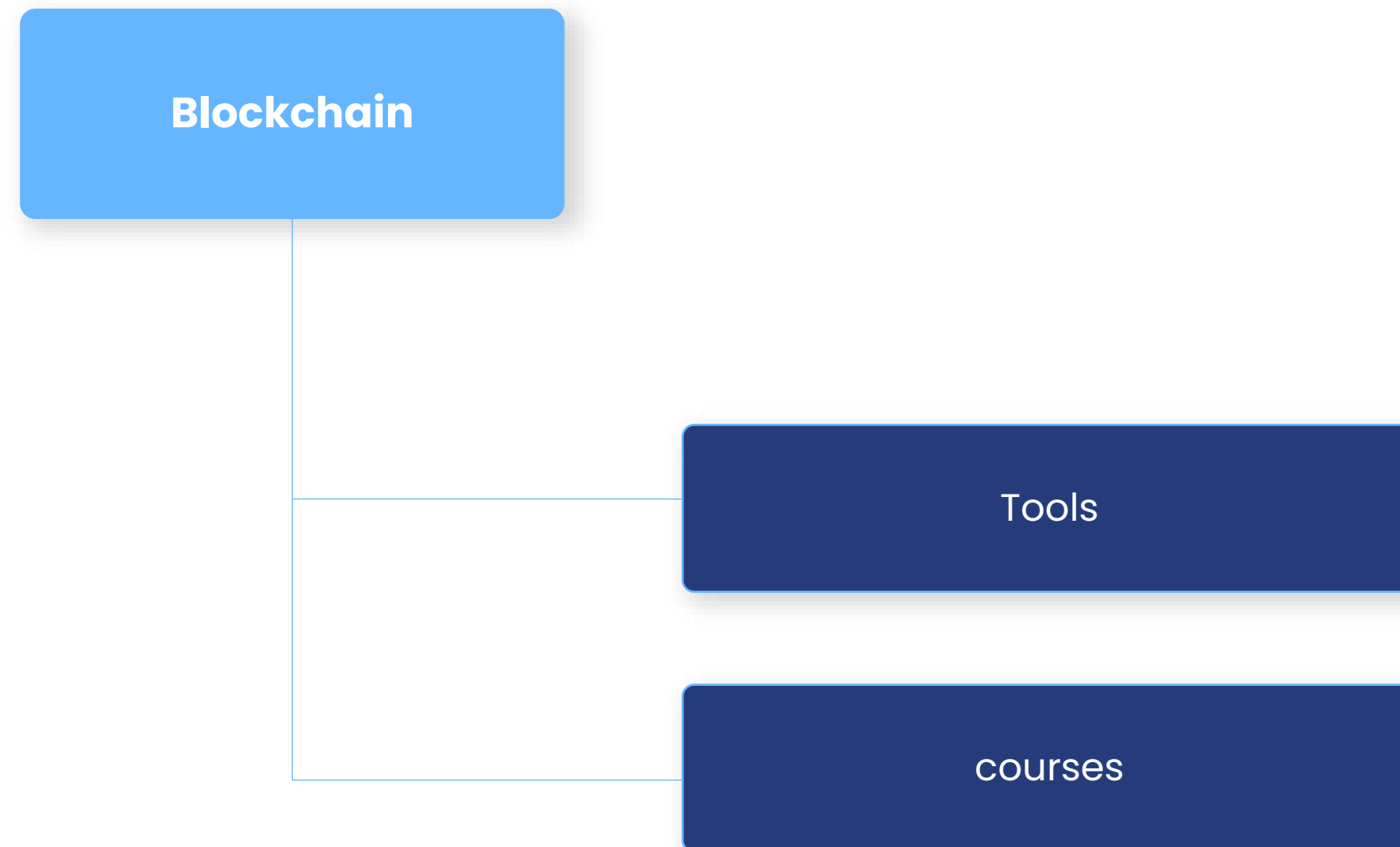
Blockchain

TOOL/TECHNOLOGY	DESCRIPTION
Ethereum	A development platform for smart contracts and decentralized applications.
Hyperledger Fabric	A frameworkopen source to create business applications based on Blockchain.
BitcoinCore	The original Bitcoin software used to maintain the Bitcoin network.
Truffle	A development toolset for Ethereum that makes it easy to create smart contracts.
Metamask	A cryptocurrency wallet and browser extension to interact with decentralized applications.
Remix	An online development environment for Ethereum smart contracts.

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Blockchain

COURSES	DESCRIPTION
Blockchain Basics	An introductory course on the fundamental concepts of Blockchain.
Ethereum and Solidity: The Complete Developer's	A course to learn how to develop applications in Ethereum.
Hyperledger Fundamentals" en edX	A course that explores the concepts and applications of Hyperledger Fabric.
Bitcoin and Cryptocurrency Technologies	A course that covers the technical and economic aspects of Bitcoin.
R3 Corda Blockchain: CordApps Development	A development program focused on the creation of decentralized applications on the R3 Corda platform.
Blockchain Architecture	A course that explores the architecture of Blockchain networks and how they are designed and configured.
Internet of Things (IoT) and Blockchain	A course that investigates how Blockchain is used in Internet of Things applications to ensure data security and integrity.
Blockchain for Healthcare Professionals	A course designed for healthcare professionals that addresses how Blockchain can improve medical data management and information security.
Blockchain Hyperledger Fabric: Architecting, Designing, and Deploying a Network	An advanced course that focuses on the architecture and deployment of networks based onHyperledger Fabric.

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Engineering

Categories: Engineering

Technologies and tools

Engineering

AutoCAD	Modeling with Revit	Aeronautical maintenance
MATLAB	FPGA	EASA Part 145, M, 21 and 66
ANSYS	PDS	Maintenance Aeronautical
LabVIEW	RAMS SafetyAeronautical/Railway	EWIS 4 & 5
COMSOLMultiphysics	LeanManufacturing	Fuel Tank Safety 1 & 2
Finite elements	ISO standards for the dimensioning of technical plans	European Aeronautical Regulations on Operations
Composite materials	Aeronautical Quality, data analysis	Human Factors for Aeronautical Maintenance Personnel
MICROSTATION	CAD structures software and calculation	Basic Airport Security Awareness (AVSEC)

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Engineering

COURSES	DESCRIPTION
AutoCAD	Computer-aided design software used to create 2D technical drawings and 3D models.
MATLAB	Programming and visualization platform used in numerical analysis, simulation and signal processing.
ANSYS	Engineering simulation software that performs structural, thermal and fluid analysis.
LabVIEW	Graphical programming environment used in data acquisition and control of systems land devices.
COMSOL Multiphysics	Multiphysics simulation software that addresses a variety of engineering problems.
Finite elements	Numerical analysis technique used to solve equations of physical structures and systems.
Composite materials	Materials made from two or more materials to improve specific properties.
MICROSTATION	Computer-aided design software used in engineering and mapping projects.

SEIDOR

Engineering

COURSES	DESCRIPTION
Modeling with Revit	BIM software (building Information Modeling) for modeling of buildings and structures.
FPGA	Field-Programmable Gate Array, a programmable electronic device used in embedded systems and digital electronics.
PDS	Plants Design System, software used in the design of industrial plants and processes.
RAMS Safety Aeronautical/ Railway	Safety and reliability management in aeronautical and railway systems.
Lean Manufacturing	Production philosophy focused on waste reduction and continuous improvement.
ISO standards for the dimensioning of technical plans	International standards for the dimensioning and documentation of technical plans.
Aeronautical Quality, data analysis	Focus on ensuring quality in the aerospace industry through data analysis and process improvement.
CAD structures software and calculation	Software specialized in the design and analysis of structures in civil engineering and architecture.

Engineering

COURSES	DESCRIPTION
Aeronautical maintenance	Processes and practices for the maintenance and repair of aircraft and components.
EASA Part 145, M, 21 AND 66	Regulations of the European Aviation Safety Agency related to aircraft maintenance.
Fuel Tank Safety 1 & 2	Aircraft fuel tank safety regulations.
EWIS 4 & 5	Electrical wiring interconnection systems in aircraft.
Human Factors for Aeronautical Maintenance personnel	Considerations on human factors in aircraft maintenance.
Basic Airport Security Awareness (AVSEC)	Awareness of security at airports and airport operations.
New European Aeronautical Regulations on Operations	Current European regulations related to air operations.

SEIDOR

Skills

Categories: Skills

Technologies and tools

| Skills | HR, Management and Leadership | Marketing, communication and sales | Professional effectiveness |

SEIDOR

HR, Management and leadership

- ✓ Lead and manage remote teams.
- ✓ Transversal Management
- ✓ The selection interview online.
- ✓ Selection by competencias online.
- ✓ Agile leadership for transformation.
- ✓ emotional intelligence
- ✓ The art of Delegating
- ✓ Interview as a performance evaluation.
- ✓ The 7 habits of highly effective people
- ✓ Emotional Leadership
- ✓ Lead change management, from the VUCA world to the BANI.
- ✓ High Performance Equipment
- ✓ Corporate culture
- ✓ Improvement of commercial communication skills in Personnel Selection.
- ✓ Identify and manage talent
- ✓ Get organized effectively GTD
- ✓ Team Leadership
- ✓ Conflict management.

- ✓ Performance management.
- ✓ Management by competencies.
- ✓ Management of offshore teams
- ✓ Effective meetings.
- ✓ Motivation in change environments.
- ✓ Flexible compensation plan.
- ✓ Leadership and motivation techniques
- ✓ Techniques to delegate effectively Development of work teams Effective meetings
- ✓ Communication and conflict resolution techniques
- ✓ Time management for managers
- ✓ Efficient email management
- ✓ Internet for managers
- ✓ Negotiation from emotional intelligence.
- ✓ How to deal with difficult people.
- ✓ Finance for managers.
- ✓ The 5 choices towards productivity.
- ✓ People Analytics with powerBI and Bigml

SEIDOR

Marketing, Communication and Sales

- Disruptive thinking.
- Emotional marketing
- Selling from empathy.
- KAM: digital sales development.
- KAM: The Key Account Manager
- Social selling and digital sales. Sell and negotiate remotely.
- Success in Sales: Commercial Management and Techniques
- CommunicationTransmedia.
- Storytelling
- E-Business: The challenge of Internet Marketing
- Marketing Communication: Strategies and Tools
- Sales team management
- Business negotiation techniques
- Presentation and monitoring of commercial proposals Techniques for public speaking
- Telephone sales techniques
- Relational-strategic marketing Advertising development techniques

- Direction and Commercial Management Techniques
- Neurosale: sell more with neuroscience.
- Development of Commercial Communication skills transmedia
- Commercial exploitation of social networks NLP and non-verbal communication.
- Sales techniques in personnel selection

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Professional Effectiveness

✓ Outlook time management and organization
✓ Dynamize virtual meetings.
✓ Impact presentations Effective meetings.
✓ Communication techniques.
✓ Efficient writing: reports that sell.
✓ Positive management of interpersonal relationships. The art of persuasion.
✓ Negotiation techniques.
✓ Effective meetings.
✓ Design thinking.
✓ Storytelling.
✓ Disruptive thinking.
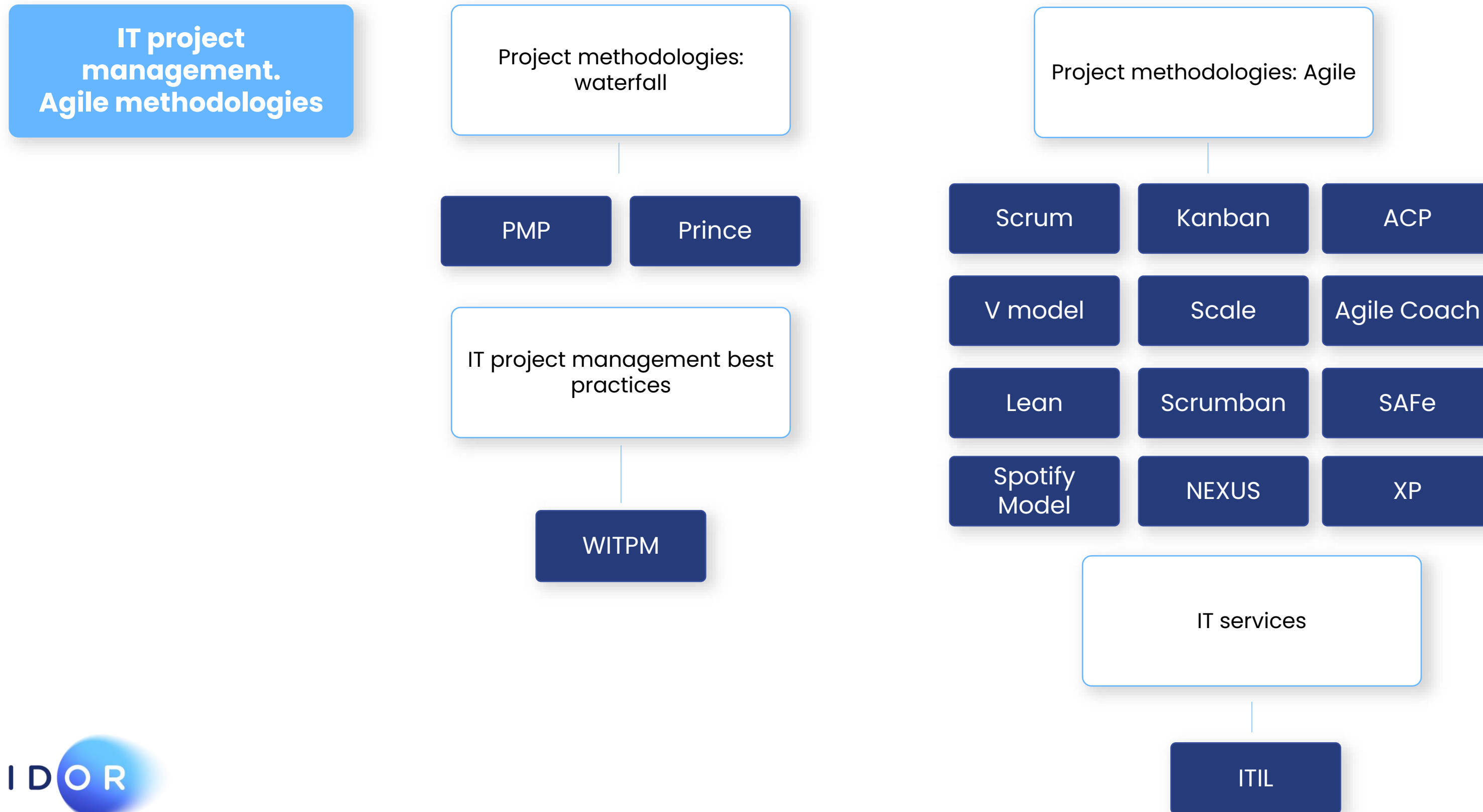
ABILITY (CAN DO)

KNOWLEDGE (KNOW TO DO)

ATTITUDE (WANT TO DO)

SEIDOR

IT project management
Agile methodologies

Categories:IT project management. MethodologiesAgile

Tools/courses

IT project management. Agile methodologies

Project methodologies: waterfall

PMP | Prince

IT project management best practices

WITPM

Project methodologies: Agile

Scrum	Kanban	ACP
V model	Scale	Agile Coach
Lean	Scrumban	SAFe
Spotify Model	NEXUS	XP

IT services

ITIL

SEIDOR

Project methodologies: waterfall
Characteristics

- ✓ Work in phases: Analysis, requirement, preparation, design, implementation, verification and maintenance.
- ✓ Detailed planning.
- ✓ Temporary efforts to generate a product or changes that are in controlled environments
- ✓ products from one phase to another.
- ✓ Defined beginnings and endings
- ✓ There cannot be large deviations
- ✓ Estimation and scheduling of tasks
- ✓ Predictive methodologies
- ✓ Detailed plan- contingency plans
- ✓ Extensive documentation
- ✓ Contingency plans before starting production.
- ✓ Monitoring of results. They are opposite to agile methodologies, we live in an environment of entropy and chaos (BANI) and therefore everything cannot be predicted, it is increasingly difficult.

SEIDOR

Project methodologies: waterfall
Characteristics

PRINCE

Structured project management method.

De facto standard for the organization, management and control of projects.

It divides projects into manageable phases, allowing efficient control of resources and periodic monitoring of their evolution.

Focused on an ongoing business justification.

Aligned with ISO 21500.

- 7 Processes that make up Project Management.
- 7 Principles that form the basis of a good project management method.
- 7 Themes or areas of knowledge that support certain key areas of project management.

PeopleCert
PARTNER

PMP

PMBOK® (Project Management Body of Knowledge) is the body of knowledge in project management developed by the PMI (Project Management Institute).

It contains the globally recognized standard and guide for the project management profession.

It describes standards, methods, processes and practices established from the recognized best practices of project management professionals.

It proposes the application of tools and techniques throughout the project life cycle, which are framed in Processes, which in turn form PROCESS GROUPS.

Other PMI certifications are: Certified Associate in Project Management (CAPM)®, Program Management Professional (PMP)®, PMI Agile Certified Practitioner (PMI-ACP)®.

SEIDOR

Project methodologies: agile
Characteristics

Agile methodologies are those that allow the way of working to be adapted to the conditions of the project, achieving flexibility and immediacy in the response to adapt the project and its development to the specific circumstances of the environment.
In essence, companies that opt for this methodology manage to manage their projects effectively, reducing costs and increasing productivity.

- ✓ Improve customer satisfaction.
- ✓ Increases motivation and involvement in development teams.
- ✓ Increases effectiveness and efficiency.
- ✓ Eliminates unnecessary product features.
- ✓ Increases product quality.
- ✓ Alerts potential bugs and problems.
- ✓ Takes care of people more than processes.
- ✓ React to change.
- ✓ Are flexible.
- ✓ They prioritize the delivery of value and quality.

Project methodologies: Agile

Scrum	Kanban	ACP
V model	Scale	Agile Coach
Lean	Scrumban	SAFe
Spotify Model	NEXUS	XP

SEIDOR

Project methodologies: agile

METHODOLOGY	DESCRIPTION
Scrum	Scrum is an agile methodology that focuses on self-organizing teams and iterative development cycles called "sprints". Its goal is to deliver functional product increments on a regular basis and allow adaptation to changes in requirements. Scrum includes roles such as Scrum Master and Product Owner.
Kanban	Kanban is a visual project management method that uses boards to track work in progress. It focuses on optimizing workflow and eliminating bottlenecks. Kanban does not prescribe fixed roles or times, making it flexible and suitable for diverse teams.
XP (Extreme Programming)	XP is a software development methodology that emphasizes collaboration, simplicity, and sound technical practices. It includes practices such as pair programming, automated testing, and frequent deliveries. XP seeks to improve software quality and customer satisfaction.
Scrumban	Scrumban combines elements of Scrum and Kanban. Allows a more flexible approach to project management, usingsprintsof Scrum but allowing continuous adaptation of tasks with the Kanban approach.
Lean	Lean is based on the principles of Lean Manufacturing and is applied to project management. It seeks to eliminate waste and maximize value. Lean focuses on delivering value efficiently and eliminating activities that do not add value.
V model	The V Model is a traditional approach that follows a linear sequence of phases, from planning to testing and deployment. It focuses on the verification and validation of each phase.

Project methodologies: agile

METHODOLOGY	DESCRIPTION
SAFe(Scaled Agile Framework)	SAFe is a scalable framework for enterprise-wide implementation of agile practices. It provides a framework for cross-team collaboration and agile program planning. SAFe includes roles such as Release Train Engineer (RTE) and Product Owner.
Nexus	Nexus is a framework designed to scale Scrum in large organizations. Helps coordinate multiple Scrum teams working on a single product. Nexus is based on Scrum principles and provides guides for dependency management and continuous delivery.
ScaledScrum	It is a way to apply Scrum in organizations with complex and large projects. It involves multiple Scrum teams collaborating on the delivery of a common product. Coordination and planning at the program level are essential.
ACP (AgileCertified Practitioner)	It is a certification that validates knowledge and experience in agile methodologies, including Scrum, Lean, Kanban and more. ACP certified professionals demonstrate their ability to apply agile approaches in real-world situations.
Agile Coach	An Agile Coach is a professional who plays a crucial role in the successful implementation of agile practices in an organization. Their main responsibility is to guide and train teams and members of the organization in the adoption of agile approaches. The Agile Coach works closely with teams to help them understand and apply agile principles, improve their performance and overcome obstacles. In addition, the Agile Coach fosters a culture of continuous improvement and facilitates feedback and learning. Their goal is to optimize efficiency, quality and value delivery in product or project development.
Spotify Model	The model focuses on the creation of autonomous, self-managed teams called "squads" that have clear responsibilities and specific objectives. These squads work closely together and are organized into "tribes" related to specific business areas. The Spotify Model promotes transparency, collaboration and a culture of learning. Although it originated in the digital music industry, the model has been adopted by many other organizations as a successful approach to large-scale agile management.

SEIDOR

Project methodologies: agile
IT project management – Good practices

WITPM is aimed at project managers, technical teams and customers who actively participate in the projects carried out by the IT department within an organization. It focuses on knowledge to prevent failure.

In **WITPM** we have analyzed the main risk factors that threaten the success of an IT project and we provide a set of practical and effective actions to prevent them.

Criteria for adopting emerging trends: WITPM provides criteria on when and how to apply emerging trends in the IT sector so that the execution and management of IT projects clearly benefit. We focus on the cloud computing, agile ways of working and DevOps.
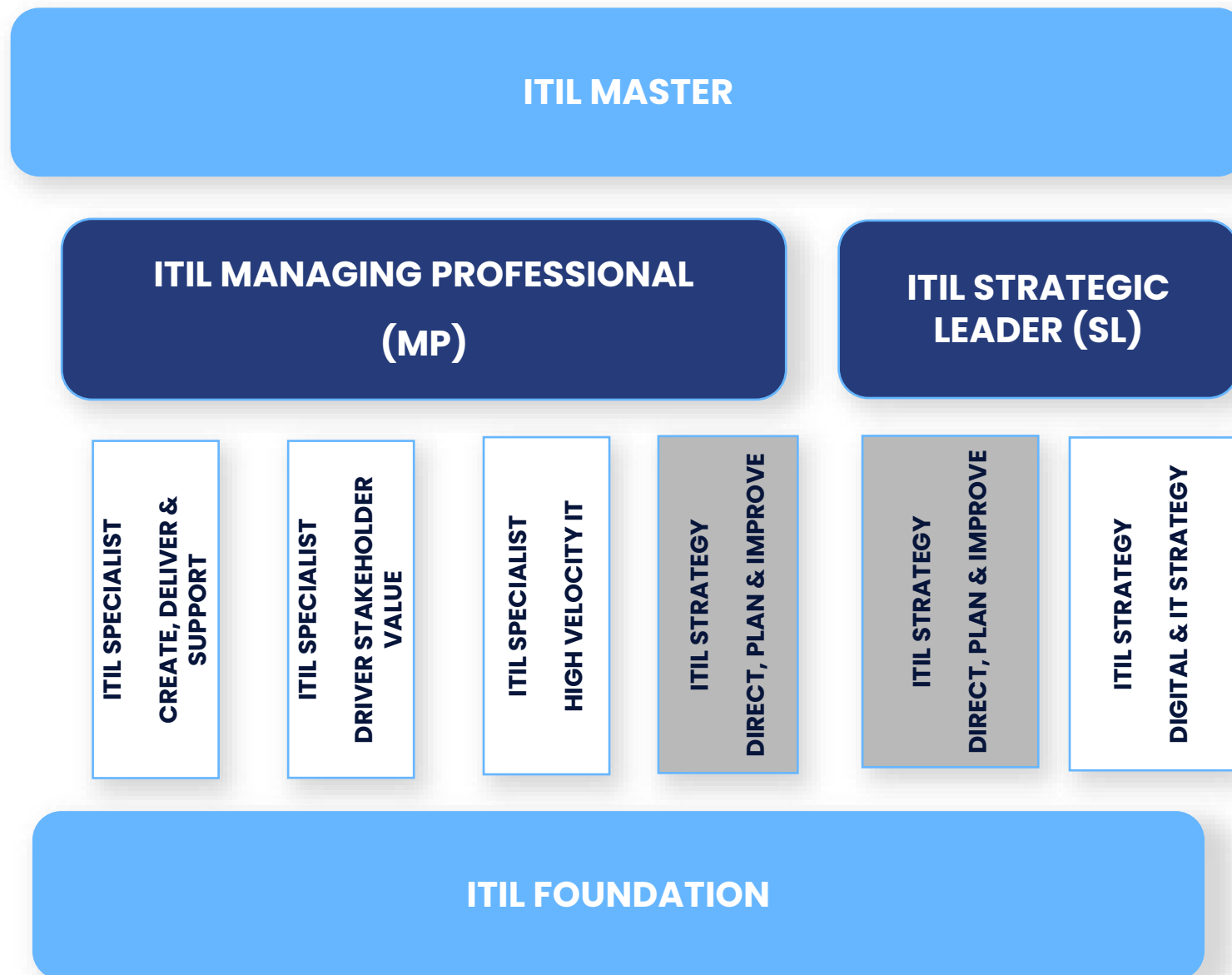
WITPM elps IT project participants to characterize the work context where IT projects take place. This characterization allows to know the real possibilities offered by the IT department to execute projects, to detect possible shortcomings and to make up for them, and to know where everything is in order to be able to work without wasting time.

Agile vs waterfall

DIRECTION LAYER
Project director -Stakeholders– Client (director)

IMPLEMENTATION LAYER
Project manager – Team – Client (manager)

PMO

Project methodologies: agile
IT project management – IT service management

ITIL MASTER

ITIL MANAGING PROFESSIONAL (MP)

ITIL STRATEGIC LEADER (SL)

ITIL SPECIALIST CREATE, DELIVER & SUPPORT

ITIL SPECIALIST DRIVER STAKEHOLDER VALUE

ITIL SPECIALIST HIGH VELOCITY IT

ITIL STRATEGY DIRECT, PLAN & IMPROVE

ITIL STRATEGY DIRECT, PLAN & IMPROVE

ITIL STRATEGY DIGITAL & IT STRATEGY

ITIL FOUNDATION

ITIL (Information technology infrastructure Library): is a set of good practices for the management of information technology (IT) services.

It focuses on delivering high-quality IT services and aligning services with business needs. ITIL covers a wide range of processes and activities related to service management, such as incident management, change management, problem management and more. It is widely used in IT organizations to improve efficiency, quality and service delivery.

ITIL consists of a series of books and frameworks that provide detailed guidance on IT service management.

ITIL is especially relevant in environments where effective IT service management is crucial, such as in technology companies, government organizations and IT service providers. It helps organizations establish clear processes for service management, ensure the availability and performance of IT services, and respond efficiently to problems and changes in the technology environment. ITIL certification is internationally recognized and is sought after by IT professionals who want to improve their service management skills.

Cybersecurity

Categories: Cybersecurity

Technologies and tools

Cybersecurity

Tools/Technologies

IDS/IPS	Cyber intelligence	Vulnerability Scanning
VPN	Monitoring of open sources	Identity and access management
SIEM	Cybersecurity dashboards	SGSI / ISO 27001
Cryptography	International standard security audits	Cloud security
MFA	Intrusion testing and ethical hacking	Mobile Application and Source Code Analysis
Analysis of mobile applications and source code	ISMS / ISO 27001	

Courses/Certifications

Cybersecurity foundation	Analysis forensic	Microsoft 365security administration	CCSP	CISM	OSCE
Lead Cybersecurity professional	Perimeter audits	MS Security operations analyst	CISSP	CGEIT	AWS Security Specialty
Introduction to cybersecurity	Microsoft 365 SecurityAdministration	MS 365 Securityadministrator associate	CND	LPT	
Ethical hacking	Microsoft Azure Security Technologies	Google Cloud Professional Cloudsecurity engineer	CHFI	ECSA	
Cyber defense management	Ms.Identity and access administrator	Penetration Kali Linux	CISO	CRISC	

SEIDOR

Cybersecurity

COURSES	DESCRIPTION
IDS/IPS (Intrusion Detection and Prevention Systems)	IDS/IPS are systems that monitor network traffic for suspicious activity or intrusions. IDSs identify potential threats, while IPSs can take action to block or prevent attacks.
VPN (Virtual Private Network)	A VPN is a technology that allows you to create a secure connection over a public network, such as the Internet. It is used to protect the privacy and security of online communication by encrypting data and hiding the IP address.
SIEM (Security Information and Event Management)	SIEM is a platform that combines log management and threat detection to provide visibility and analysis of network security. It helps identify and respond to security incidents by correlating events and alerts.
Cryptography	Cryptography is the technique of encrypting and decrypting data to protect its confidentiality and integrity. It is used in a variety of applications, such as secure communications, encrypted data storage and user authentication.
Authentication Multifactor (MFA)	Multifactor authentication is a method that requires multiple forms of identity verification prior to allowing access. This may include passwords, temporary authentication codes, fingerprints or other biometric features.
Vulnerability Scanning	Vulnerability scanning tools are used to identify and assess potential vulnerabilities in systems and applications. They help security professionals take action to fix problems before they are exploited by attackers..

SEIDOR

Cybersecurity

COURSES	DESCRIPTION
Identity and Access Management	Identity and access management refers to the administration of users and their access rights to systems and data. It includes authentication, authorization and administration of user accounts to ensure that only authorized persons have access.
Cloud Security	Cloud security focuses on protecting data and resources in public, private or hybrid cloud environments. It includes identity management, data encryption and secure configuration of cloud services to mitigate security risks.
Cyber intelligence	Cyber intelligence refers to the collection, analysis and use of information related to cyber threats and malicious actors. It is used to understand emerging cyber threats, predict potential attacks and take proactive measures to mitigate risks.
Open Source Monitoring	Open-source monitoring involves monitoring publicly available information online for mentions of an organization or its assets. It helps to identify potential security threats or issues that are discussed in forums, social networks, etc.
Cybersecurity Dashboards	Cybersecurity dashboards provide a consolidated view of an organization's security posture. They display key metrics, security alerts and relevant data for real-time decision making.
Security Audits according to International Standards	Security audits are performed to assess an organization's compliance with security standards such as ISO 27001. They identify possible deficiencies and areas for improvement in security policies and practices..

SEIDOR

Cybersecurity

COURSES	DESCRIPTION
Intrusion Test and Ethical Hacking	These tests involve simulating controlled cyber attacks against systems and networks to evaluate their security. Professionals conduct penetration testing to identify vulnerabilities and weaknesses before real attackers can exploit them.
Mobile Application and Source Code Analysis	It refers to the review and evaluation of mobile applications and their source code for security vulnerabilities and weaknesses. It helps ensure that applications are secure and protects user data.
Information Security Management System (ISMS / ISO 27001)	An ISMS is a comprehensive approach to managing information security in an organization. It complies with international standards such as ISO 27001 and encompasses risk management, security policies and continuous improvement processes..

SEIDOR

Cybersecurity

COURSES	DESCRIPTION
Cyber Security Foundation	This certification provides a solid foundation in fundamental cybersecurity concepts. It covers topics such as cyber threats, security policies, risk management, and security best practices.
Lead Cybersecurity professional	This certification program is designed for cybersecurity leaders and addresses advanced topics in security management, security strategy, and leadership in cybersecurity teams.
Introduction to Cybersecurity - Regulations	This course introduces participants to key cybersecurity regulations and standards, such as ISO 27001, NIST, and GDPR. Explore how to comply with these regulations to ensure information security.
Ethical Hacking	Ethical hacking involves learning to think and act like an ethical attacker to identify and fix vulnerabilities in systems and networks. Cybersecurity professionals conduct penetration testing ethically.
Cyber Defense Management	This course focuses on cyber defense management, which involves coordinating responses to security incidents, identifying threats, and implementing cyber defense measures.
Forensic Analysis	Digital forensics focuses on investigating cybersecurity incidents and collecting digital evidence for further analysis. It helps understand how incidents occurred and how to prevent future attacks.
Perimeter Audits	Perimeter audits involve assessing the security of network infrastructure and systems from the outside. Helps identify potential vulnerabilities and entry points for external attackers.
Microsoft 365 SecurityAdministration	This Microsoft 365 security administration course focuses on configuring and managing security, identity, and access policies in Microsoft 365 environments.

SEIDOR

Cybersecurity

COURSES	DESCRIPTION
Microsoft Azure Security Technologies	It focuses on Microsoft Azure security, addressing cloud resource protection, identity and access, threat detection, and incident response in Azure.
Microsoft Identity and Access Administrator	This course focuses on identity and access management in Microsoft environments, addressing topics such as identity management, authentication, and access management.
Microsoft Security operations Analyst	It focuses on the skills necessary to detect, investigate, and respond to security threats in Microsoft environments. Covers security monitoring and response automation.
Microsoft 365 Security Administrator Associate	This certification validates skills to manage Microsoft 365 security, including threat management, compliance management, and information security management.
Google Cloud Professional Cloud Security Engineer	Focuses on Google Cloud cloud security Platform(GCP), including configuring security policies, identity and access management, and data protection in GCP.
Penetration Kali Linux (PWK) Course	Offered by Offensive Security, this course is a hands-on learning experience on penetration testing and ethical hacking using the Kali Linux distribution.
CCSP	Certified Cloud Security Professional (CCSP) is a certification that focuses on cloud security. It is designed for professionals working with cloud solutions and addresses topics such as cloud risk management, data security, and cloud security architecture.

SEIDOR

Cybersecurity

COURSES	DESCRIPTION
CISSP	Certified Information Systems Security Professional (CISSP) is a widely recognized certification in the field of cybersecurity. It covers a wide range of topics, including network security, identity management, application security and risk management.
CND	Certified Network Defender (CND) focuses on defending networks and systems against cyber attacks. Professionals with this certification are trained to protect and maintain the integrity of enterprise networks.
CHFI	Computer hacking Forensic Researcher (CHFI) focuses on digital forensics and cybersecurity incident investigation. Professionals with this certification are experts in collecting and analyzing digital evidence in cybercrime cases.
CISO	Chief Information Security Officer(CISO) is a designation given to leaders in information security. CISOs are responsible for the security strategy of an entire organization and must make key decisions to protect information.
CISM	Certified InformationSecurity Manager (CISM) is a certification that focuses on information security management. Professionals with CISM are trained to manage security programs, identify and mitigate risks, and comply with regulations.
CGEIT	Certified in the Governance of Enterprise IT (CGEIT) focuses on the management and governance of information technology in organizations. Professionals with CGEIT understand how to align IT with business objectives and manage risks.

SEIDOR

Cybersecurity

COURSES	DESCRIPTION
LPT	Licensed Penetration Tester (LPT) is an advanced certification in penetration testing and ethical hacking. Professionals with LPT have advanced skills to identify and exploit vulnerabilities in systems and networks ethically.
ECSA	EC-Council Certified Security Analyst (ECSA) focuses on security analysis and penetration testing. Professionals with ECSA are experts in evaluating the security of systems and networks, identifying vulnerabilities and recommending solutions.
CRISC	Certified in risk and Information Systems Control (CRISC) focuses on IT risk management and information systems control. Professionals with CRISC can identify and manage risks related to information technology.
AWS Security Specialty	This certification focuses on security in the Amazon Web cloud Services (AWS). Professionals with this certification are experts in implementing security measures in AWS environments, including data protection and identity management.
Offensive Security Certified Expert (OSCE)	OSCE is a certification of Offensive Security that focuses on advanced ethical hacking and penetration testing skills. Professionals with OSCE can perform advanced penetration testing and exploit systems ethically.

SEIDOR

AI

Our focus

Areas of training

AREAS OF APPLICATION

TECHNOLOGIES / TOOLS

SEIDOR

Areas of application

MACHINE LEARNING

Industry: It is used in the manufacturing industry for quality control and predictive maintenance of machinery.
Medical attention: Helps in the early detection of diseases through the analysis of medical data.
Marketing: It is applied in the personalization of product recommendations and targeted advertising.
Finance: In credit evaluation and fraud detection in financial transactions.

NEURAL NETWORKS

Computer Vision: Widely used in image and object recognition in security and automotive applications.
Natural Language Processing (NLP): In chatbots and virtual assistants to understand and generate human language.

NATURAL LANGUAGE PROCESSING (NLP)

Customer service: Used in chatbots and automated customer service systems to answer questions and resolve queries.
Automatic translation: Facilitates global communication by automatically translating texts into different languages.

COMPUTER VISION

Automotive: In autonomous vehicles to identify obstacles and traffic signs.
Medicine: In diagnostic imaging to detect abnormalities on x-rays and MRIs.

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Areas of application

VOICE PROCESSING

Virtual Assistants: It is used in assistants like Siri and Google Assistant to recognize voice commands.
Accessibility: Helps people with disabilities interact with devices using voice.

ROBOTICS

Industry: In the automation of production and assembly lines.
Exploration: Autonomous robots are used in exploring dangerous or unknown environments.

MEDICINE

Diagnosis: It helps doctors in diagnosing diseases through analysis of medical and image data.
Telemedicine: Enables remote medical care, especially useful in remote areas.

FINANCE

Portfolio management: It is used in investment selection and investment portfolio management.
Fraud Detection: Identify suspicious patterns in financial transactions to prevent fraud.

AUTONOMOUS VEHICLES

Transport: In the development of autonomous vehicles for safe and driverless driving.
Logistics: In the automation of delivery and transportation vehicles of goods.

SEIDOR

Technologies and Tools

*"The only limit to AI is the human imagination."*ChrisDuffey,

Introduction to AI	GPT Chat	Chat GPT integration with Excel and Google Sheets	Microsoft Copilot	Synthesia	DALL-E 3
Gemini	Grammarly	Machine Learning	LivePerson	TensorFlow	H2O.ai
Infosys Nia	Google Artificial Intelligence Platform	Azure Machine Learning	IBM Watson	Engati	Deep Learning
Wipro Holmes	BigML	Ayasdi	Hive	Valohai	Cognitive Scale
DialogFlow	GitHiub Copilot	Keras	PyTorch	Fast.ai	Azure Cognitive Services
	Amazon Lex	Eleven Labs	Vidnoz	Stable Diffusion	

SEIDOR

Technologies and Tools

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Introduction to AI	Introduction covering the basics of Artificial Intelligence, including machine learning and neural networks.	AI Education, Training
GPT Chat	AI language model developed by OpenAIwhich can generate text in a coherent and contextual manner.	Chatbots, Text Generation, Virtual Assistance
Integration of Chat GPT with Excel and Google Sheets	ChatGPT integration into Excel spreadsheets and Google Sheets to answer questions and perform data-related tasks.	Data Analysis, Spreadsheet Automation
Microsoft Copilot	Artificial intelligence virtual assistant developed by Microsoft uses a large language model to generate text, translate languages, write different types of creative content.	Business productivity
Synthesia	Video generation tool with digital avatars and AI-generated voice.	Video Content Creation, Marketing
DALL·E 2	AI model developed by OpenAI that can generate images from text descriptions.	Image Generation, Creativity
Bard	AI language model developed by Google that can generate text in a coherent and contextual way. Google Bard gives you the source of the information, i.e. it gives you the option to google the question you have asked.	Chatbots, Text Generation, creative content creation.

SEID O R

Technologies and Tools

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Grammarly	Grammar and style correction tool that uses AI to improve English writing.	Writing and Proofreading, Professional Communication
LivePerson	Messaging and live chat platform that uses AI to improve customer service and online interaction.	Customer Service, Online Support
TensorFlow	Open source library developed by Google for machine learning and neural network applications.	Machine Learning, Model Development
H2O.ai	Machine learning and analytics platform that enables enterprises to develop and deploy AI models; known for being a leader in open source AI, Machine Learning and AutoML.	Enterprise Machine Learning, Data Analysis
InfosysNia	Robotic and cognitive process automation (RPA) platform that uses AI to optimize business operations.	Business Automation, RPA
Google Artificial Intelligence Platform	Set of AI tools and services provided by Google, including TensorFlow, Dialogflow and more.	Wide Range of AI Applications
Azure AI Fundamentals	Course that provides fundamental knowledge about Artificial Intelligence using the Microsoft Azure platform.	AI Education, Skills Development

SEIDOR

Technologies and Tools

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Azure Machine Learning	Microsoft cloud service for developing, training, and deploying machine learning models.	Development of AI Models in the Cloud
IBM Watson	IBM AI platform offering services in natural language processing, computer vision, and more.	Wide Range of AI Applications
Engati	Creation platform chatbots that uses AI to automate customer interaction on websites and apps.	Chatbots, Customer Service Automation
Wipro Holmes	Wipro AI platform offering solutions for business automation, data analytics and more.	Business Automation, Data Analysis
BigML	Machine learning platform that allows companies to create and deploy AI models.	Enterprise Machine Learning, Data Analysis
Ayasdi	AI platform that uses machine learning and topological analysis to discover patterns in complex data. Designed to analyze Big Data	Advanced Data Analysis, Pattern Discovery

SEIDOR

Technologies and Tools

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Hive	Data analytics language and platform that runs on the Hadoop infrastructure. It is not artificial intelligence in itself, but rather a platform that allows you to manage and analyze large amounts of data efficiently.	Data Analysis in Hadoop Environments
Valohai	Machine learning workflow management platform that helps companies manage and automate the lifecycle of AI models.	Machine Learning Project Management
Cognitive Scale	Industry-focused AI platform offering solutions for healthcare, banking, commerce and more. Helps organizations leverage unstructured data and make more informed decisions	Specific Applications of AI in Various Industries
DialogFlow	Development platform chatbots and Google virtual assistants that use AI to understand and respond to natural language.	Development of Chatbots and Virtual Assistants
machineLearning	Broad term referring to the field of machine learning, which involves developing models that can learn from data and perform specific tasks.	Machine Learning, Wide Range of Applications

SEIDOR

Technologies and Tools

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
deepLearning	A subfield of machine learning that focuses on deep neural network models for tasks such as image recognition and natural language processing.	Pattern Recognition in Complex Data
GitHubCopilot	GitHub extension that uses AI to help developers write code by providing code hints and documentation.	Software Development, Code Development Collaboration
Gemini	Artificial intelligence model created by Google, and seeks to be the successor of PaLM, which was the AI model used by Bard. The main difference with its predecessor is that the responses are much better, which allows it to be a multimodal model, i.e., it can understand various types of information such as text, images, audio and even programming code.	Chatbots, Text generation, image creation, application development, task automation
Keras	High-level application programming interface (API) for building and training deep learning models. Runs on top of TensorFlow, Theano or CNTK.	Deep learning, AI research, AI model development.
PyTorch	Open source machine learning library based on the Torch library, used for applications such as computer vision and natural language processing, created by Facebook AI Research lab.	Deep learning, AI research.

SEIDOR

Technologies and Tools

TOOL/TECHNOLOGY	DESCRIPTION	AREAS OF EMPLOYMENT
Fast.ai	Deep learning library and course that provides developers with an easy way to deploy and train deep learning models using Python.	AI education, rapid development of deep learning models.
Azure Cognitive Services	Collection of AI services that enable developers to integrate vision, speech, language, and decision capabilities into their applications, provided by Microsoft Azure.	smart applications, bots, analysis of data.
Amazon Lex	Service for building conversation interfaces in any application using voice and text, provided by Amazon Web Services.	Chatbots, voice applications
Eleven Labs	Possibly a company or platform that specializes in AI technology, without specific details about the tool or service.	AI Technology, Possibly Natural Language Processing or Speech Synthesis
Vidnoz	Based on the name, it could be related to AI video generation or analysis.	Video Creation and Analysis, Digital Marketing
Stable Diffusion	AI-based image generation model that can create detailed images from textual descriptions.	Image Generation, Digital Creativity, Graphic Design

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