

Cloud Architect



Álex López


31/01/1997, Badalona
alex@alexlopez.cloud

CERTIFICATIONS



HASHICORP TERRAFORM ASSOCIATE


March 2024

 [View certification](#)



AZURE SOLUTIONS ARCHITECT EXPERT


September 2023

 [View certification](#)



AZURE ADMINISTRATOR ASSOCIATE


April 2023

 [View certification](#)



AZURE FUNDAMENTALS

October 2022

 [View certification](#)

EDUCATION & TRAINING

- **PUE ACADEMY - JAN.2024 TO MAR.2024**

DevOps for Administrators - LPIC-OT DevOps Tools Engineer - 60h

- **CAS TRAINING - JUN.2023**

Architecting on AWS - 21h

- **CULTURAL DE BADALONA - SEPT.2016 TO 2018**

Certificate of Higher Education - Administration of computer systems and networks

- **CULTURAL DE BADALONA - SEPT.2014 TO 2018**

CCNA - Switching and routing & network scaling

- **CULTURAL DE BADALONA - SEPT.2014 TO 2016**

Vocational Education and Training - Computer systems and networks



WEB VERSION

☁ CAREER SUMMARY

• CLOUD SOLUTIONS ARCHITECT - GRUP MEDIAPRO

Since april 2024



I belong to the **Architecture and Engineering** department of the **Information Technology and Security** area at **Grup Mediapro**.

- **Lead, design, implement and facilitate the execution of migration, transformation and optimization projects**, taking into account **performance, security and scalability**.
- Provide transversal support to the different areas of **Grup Mediapro**.
- Manage the **Azure cloud** and **Microsoft 365** services entirely.
- Deployment of resources using **Terraform** and **Powershell**.
- Full management of **Azure DevOps**.
- Migration of over **70 App Services** configured in **Application Gateway** to **Azure Front Door**.
- Deployment and configuration of **App Service** high availability between **West Europe** and **North Europe** with **Azure Front Door**.
- Configuration and monitoring of **App Service Health Probes** and **WAFs**.
- Deployment and configuration of more than **200 domains** within **Azure Front Door**.
- Resource monitoring with **Log Analytics, Application Insights** and **Zabbix**.
- Deployment and configuration of **SQL Managed Instance, MySQL Flexible Servers** and **PostgreSQL**.
- Replication of **Azure Managed Instances** between different regions as **active-active**.
- Deployment and configuration of **Private Endpoints on Azure resources**.
- Deployment and configuration of new **Azure Virtual Networks** paired with the **Virtual WAN**.
- Monitoring and configuration of **Azure Firewall rules**.
- Deployment **Azure Managed DevOps Pools** for a private environment.
- Deployment of **Azure B2C tenants** with custom policies for diferents companies of group.
- Deployment of **Azure Kubernetes Services Architecture** with all your **Azure resources** for **Wordpress**.
- Deployment and configuration **Microsoft Fabric**.
- Full control of **Microsoft Entra ID, Microsoft Conditional Access** and **Privileged Identity Management**.
- Migration of On-premise code repositories to **Azure Repos**.
- Script creation and automation with **Powershell**
- Implementation of **Microsoft365DSC** for exporting reports from Microsoft services.
- Cost monitoring and bookings within **Azure**.

• CLOUD ENGINEER / ARCHITECT - INNOVA-TSN



Since september 2022 until march 2024

I was part of the **Cloud department at Innova-tsn**. I was in charge of developing and implementing **Azure** architectures for our customers focused on **Data Analytics environments**.

- Creation of architecture diagrams in **Azure / AWS** with **DRAW.IO** and **VISIO**.
- Use of **Terraform** for the deployment of resources for clients **Banco de España, Veolia** and **Innova-tsn** projects.
- Deployment and configuration of **Azure Synapse** with **PySpark** and **SQL Pool** for **Banco de España**.
- Creation of projects in **Azure DevOps** for pipeline automation with **Terraform**.
- Deployment of **DevOps agent** in private environments for synchronization with **Landing Zone**.
- Use of **Jenkins** agent to provision code with **Terraform states**.
- Use of terraform modules and **Azure Blueprints** for resource deployment.
- Migration of **Qlik Sense On-premise environments to Azure**.
- Administration of **Azure App Services** in the **Elexon** client.
- Creation and administration of **Azure Policies** in the **Innova-tsn** tenant.
- Implementation of the **MFA security** parameter in the organization with **Azure AD**.
- Configuration of **Conditional Access** in **Innova-tsn**.
- Deployment of **Intune** configurations and server for a **hybrid Azure architecture**.
- Creation and administration of the entire vCenter vm's infrastructure in **Innova-tsn**.
- Use of **Azure Backup** and **Veeam** for **backups**.
- Experience with **Azure Monitor, Zabbix** and **Grafana** for resource monitoring.

• IT LEADER ORE - INNOVA-TSN

Since january 2022 until february 2023

Team Leader IT of BI services for banking projects for the client **Caixabank** from **the ORE - Oracle R Enterprise team**.

- Supervision of the tasks assigned to the **team**.
- Functional and technical follow-up of the **team**.
- **Support and solution** to technical queries of the **team** itself.
- **Maintenance management of the services** to ensure that they are in good condition and working order.
- Proposal and follow-up of **improvements** for the platform.
- **Planning** and **monitoring** of new projects related to the managed platforms.
- **Training** of **new technicians** linked to the services of the managed platforms.
- Daily feedback and meetings with the client.
- Meetings with technicians to review and solve problems related to infrastructure and customer services client services.

• IT CONSULTANT - INNOVA-TSN

Since november 2019 until january 2022



I was an essential member of the **ORE technical office in Caixabank** and group of companies (**VidaCaixa, CPC and BPI**), managing incidents and requests within the team. I also participated for 1 year in the support team of **Banc Sabadell**.

- Review of tickets in **ServiceNow** and **Maximo** on **RStudio Server, Jupyter, SAS and SQL systems**.
- Maintenance of the **Confluence** services wiki.
- Administration of **system packages** and **libraries**.
- Maintenance of the **R** and **Python** package repository.
- Administration of users, libraries, connections from **SASMC to Oracle Exadata**.
- Knowledge of client **IT infrastructure**.
- Review of roles and permissions for **Oracle DB users**.
- Uploads and management of **R Batch** scripts.
- Meetings with the client.
- Meetings with technicians for review and troubleshooting oriented to infrastructure and client services.
- Performing version upgrades of analytical environments.

• IT ADMINISTRATOR - EL CORTE INGLÉS

Since january 2018 until november 2019



I worked at the **Information Systems Department** and I was in charge of managing level 2 tickets and management and support in projects such as store openings and renewals of numerous businesses in the fashion, food and services industry.

TECNOLOGIES



LANGUAGES

- **SPANISH - NATIVE LEVEL**
- **CATALAN - NATIVE LEVEL**
- **ENGLISH - INTERMEDIATE LEVEL**