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Carlos Fabra Sánchez
Senior DevOps Engineer

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Skills

DevOps | Jenkins AzureDevops Docker Kubernetes Helm Microservices Swarm Helm Nexus ElasticSearch GitHubFlow GitFlow Agile SAFe
Development | Git Python HTML CSS Javascript Bash Linux Powershell
Cloud | AWS Azure ARM Templates Terraform Pulumi Ansible
Networking | Firewall VNETs NSG Load Balancer DNS AppGW Certificates SMTP Architecture Design
Languages | English (Full Professional) Spanish (Native) Valenciano (Native) Italian (Elementary)

Experience

DevOps Engineer — Infoser — 2022 – Present

- Dedicated full-time as a Network and Infrastructure Team member at Mercedes-Benz Group AG.
- Responsible for maintaining and troubleshooting Azure Network infrastructure, such as Firewalls, NSGs, VNETs, On-prem connectivity, DNS... as well as developing new solutions for business units.
- Led the network design solution and development of a new Analytics and Big Data platform using Infrastructure as Code (IaaC) provisioning with Pulumi and Python, improving the delivery time from an average of 15 days to 2 hours.
- Implement and manage robust Continuous Integration/ Deployment (CI/CD) pipelines, which include pull requests, code reviews, load and stress testing, as well as unit, integration, and end-to-end testing. Apply security best practices and use different branching strategies according to project needs.

DevOps Advanced App Engineering Senior Analyst — Accenture — 2020– 2022

- Responsible for ensuring the smooth and reliable operation of a microservices-based (Kafka, Docker, Kubernetes) application for Telefonica Brasil with thousands of daily users.
- Managed development team and ensure CI/CD (Jenkins) with weekly releases over three different environments.
- Administered on-prem infrastructure ensuring availability of key components such as databases (PostgreSQL) monitoring (Prometheus and Grafana), authentication (Keycloak) and implemented automation through Shell scripting.

DevOps Engineer — Harmonic Inc. — 2018 – 2020

- Deploy and manage end-to-end cloud media processing solutions.
- Responsible for resolving complex software problems, utilizing lab systems to replicate issues and presenting findings to engineering for acceptable workarounds or code changes.
- Manage multiple customer cases and respond in a professional, timely manner while preparing detailed technical and operational documentation.

Digital Transformation Young Professional Intern — EUIPO — 2017 – 2018

- Implemented secure printing solution meeting EUIPO's security requirements, including device authentication using EUIPO NFS cards and no storage of unauthorized print jobs. Improved visibility and transparency of finance costs, resulting in a 20% reduction of office printing expenses.
- Support Digital Transformation teams and project managers, monitoring project timing, quality, and cost criteria. Work towards achieving EUIPO's goals as per the Strategic Plan.

Project Manager — SATEC — 2016 – 2017

- Managed multiple Vodafone telecom projects, overseeing design, implementation, scope closure, and project planning. Provided progress reports, coordinated tasks, ensured client acceptance, and oversaw stabilization for project success.

Talent Internship — Vodafone — 2015 – 2016

- Developed dashboard reporting for Vodafone Spain's transmission network ensuring actionable insights for decision-making.

Certifications

Certified Kubernetes Administrator (CKA)	AWS Certified Cloud Practitioner
Aviatrix ACE Professional	AZ400 - Designing and Implementing Microsoft DevOps Solutions
AZ900 - Microsoft Azure Fundamentals	AZ700 - Designing and Implementing Microsoft Azure Networking Solutions

Education

Telecommunication Systems Engineering	Universidad San Pablo CEU	Madrid, Spain	2009– 2015

- Erasmus Politecnico di Torino