

SAMI EZZEROUALI

Cloud Consultant

Languages:

English - 880 TOEIC
French - Fluent

Hoobbies

Travel
e-sports
DIY

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France

EXPERIENCES

Cloud Provisioning Consultant

Orange - Since November 2024 - Toulouse - France



- Migrating 12 applications to an on premise Cloud
- Using Terraform for Provisioning VMs on Vmware Aria Automation
- Using Ansible templates to configure VMs with needed dependencies

DevSecOps

Xositron - June 2023 to August 2024



- As the sole technical team member, I took the lead in developing the application and building the infrastructure from the ground up.
- Setting up a Proxmox server to host multiple virtual machines.
- Implementing infrastructure automation using Ansible.
- Deploying a monitoring stack with Grafana and Prometheus for metrics, and Loki for logs.
- Integrating ModSecurity as a Web Application Firewall (WAF) with the OWASP ruleset to log and detect malicious behaviours.
- Configuring Fail2ban to read ModSecurity logs and jail malicious agents, preventing them from accessing the application.
- Deploying the landing page web application using Docker, alongside automated scripts for regular backups of the app and its volumes.

Associate Service Reliability Engineer

amadeus

Amadeus - September 2022 to December 2023

- Experience with CI/CD pipelines.
- Knowledge of monitoring and logging tools such as fluentd, logstash, Prometheus, Grafana.
- Managing the code load of multiple products through testing and production environments.
- Building and maintaining automation scripts to achieve high availability.
- Supporting application-level development, monitoring, support, and debugging.
- Experience with containerization technologies such as Docker and Kubernetes

Backend Development Engineer [C++]

amadeus

Amadeus - October 2019 to September 2022 - Full-time - Sophia Antipolis - France

- Delivering features for the Universal Fare Engine inside Amadeus GDS
- Working on data extraction and processing using python.
- Profiling and debugging code using Valgrind and gdb.
- Understanding of software development lifecycle (SDLC) and Agile development methodologies.
- Working mainly in C++ programming languages for backend development in Linux RedHat.

Software Dev for Robotics

IRT Saint-Exupéry - September 2018 to September 2019 - Full-time - B612 Toulouse - France



- Programming in C language for the TWIRTEE Robot of the Research Institute Antoine St-Exupéry.
- Developing a positioning system based on trilateration
- Developing the mission control algorithm based on Dijkstra

EDUCATION

Master of science : Electrical and Computer sciences

Ingenieur ENSEEIHT - Toulouse
September 2015 to June 2019

- Optimisation
- Computer software / hardware development
- Modeling and development of industrial systems
- Architecture and exploitation of embedded calculators

Intensive preparatory classes to Top ranked Engineering schools

Georges Cabanis CPGE - France
September 2013 to June 2015