

SAMI EZZEROUALI

Cloud Engineer | Site Reliability Engineer (SRE) | DevOps

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PROFESSIONAL SUMMARY

Cloud and Site Reliability Engineer with experience across cloud operations, cloud migration, DevSecOps, infrastructure automation, Kubernetes, monitoring, logging, CI/CD, Linux/RHEL, and backend development. Experienced in production and non-production environments, infrastructure provisioning and configuration, containerized application deployment, monitoring, logging, high availability, production support, and debugging.

TECHNICAL SKILLS

Cloud: Google Cloud Platform (GCP), Cloud Run, Amazon Web Services (AWS), S3

Containers & Orchestration: Kubernetes, Docker, OpenShift

Infrastructure as Code & Automation: Terraform, Ansible

Monitoring & Observability: Prometheus, Grafana, Loki, Fluentd, Logstash

Security: ModSecurity, Fail2Ban

Virtualization: VMware vSphere, VMware Aria Automation

CI/CD: CI/CD pipelines

Operating Systems: Linux, Red Hat Enterprise Linux (RHEL)

Databases & Middleware: MariaDB, PostgreSQL, Apache, Tomcat, CFT

Programming: C++, C, Python

Debugging & Development: Valgrind, GDB, Software Development Lifecycle (SDLC), Agile

PROFESSIONAL EXPERIENCE

Cloud Operations Engineer (Consultant)

Marlink Group

March 2026 – Present

France

- Worked on Run and Build operations for multiple business units of Marlink Group.
- Installed and managed a Kubernetes cluster on bare-metal servers.
- Deployed OpenCTI for the Cyber Business Unit on Kubernetes.

Cloud Migration Engineer (Consultant)

Orange

November 2024 – March 2026

Toulouse, France

- Migrated 12 applications to VMware vSphere on-premises cloud infrastructure.
- Used Terraform for virtual machine provisioning with VMware Aria Automation.
- Used Ansible to configure virtual machines with requested filesystems, users, and dependencies.
- Worked in critical environments supporting applications used worldwide by Orange employees.
- Worked in a Linux/RHEL environment, configuring Apache, Tomcat, MariaDB, PostgreSQL, CFT, and related services.

Co-Founder – DevSecOps

Xositron

June 2023 – August 2024

France

- Led application development and built the infrastructure from the ground up as the sole technical team member.
- Implemented infrastructure automation using Ansible and Terraform.
- Deployed a monitoring stack with Grafana and Prometheus for metrics and Loki for logs.
- Configured Fail2Ban to process ModSecurity logs and block malicious agents.
- Deployed multiple applications on Google Cloud Platform (GCP) using Cloud Run.
- Used Amazon Web Services (AWS) S3 for database backup and restore through Duplicati.

Associate Service Reliability Engineer

Amadeus

September 2022 – December 2023

France

- Worked with CI/CD pipelines.
- Used monitoring and logging tools including Fluentd, Logstash, Prometheus, and Grafana.
- Managed deployment of multiple products across production and non-production environments.
- Built and maintained automation scripts to support high availability.

- Supported application-level development, monitoring, production support, and debugging.
- Worked with containerization technologies including Docker, Kubernetes, and OpenShift.

Backend Development Engineer [C++]
Amadeus

October 2019 – September 2022
Sophia Antipolis, France

- Delivered features for the Universal Fare Engine within the Amadeus GDS.
- Worked on data extraction and processing using Python.
- Profiled and debugged code using Valgrind and GDB.
- Worked with Software Development Lifecycle (SDLC) and Agile development methodologies.
- Developed backend software mainly in C++ on Linux/Red Hat.

Robotics Software Development
IRT Saint-Exupéry

September 2018 – September 2019
B612, Toulouse, France

- Programmed in C for the TWIRTEE robot at the Research Institute Antoine Saint-Exupéry.
- Developed the positioning system based on trilateration.
- Developed the mission control algorithm based on Dijkstra's algorithm.

EDUCATION

Master of Science – Electrical and Computer Sciences
Ingénieur ENSEEIHT, Toulouse

September 2015 – June 2019

Intensive Preparatory Classes for Top-Ranked Engineering Schools
Georges Cabanis CPGE, France

September 2013 – June 2015

LANGUAGES

French: Fluent **English:** Fluent

INTERESTS

Travel E-sports DIY