

# Anes AMRI | DevOps & Cloud Engineer

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## About me

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I am a DevOps and Cloud Engineer with 3 years of experience, specializing in Python, Docker, Terraform, and Kubernetes. My journey began as a QA intern, evolving into an IT DevOps trainee, and now as a consultant/engineer. I excel in integrating development, testing, and automation for efficient CI/CD pipelines. Passionate about continuous learning and innovation, I am committed to enhancing technology processes in dynamic environments.

## Skills

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- C | Java | JavaScript | Python | Bash | SQL
- REST | FastAPI | Flask | PostgreSQL | Git | Docker | Kubernetes
- Azure | Microservices | Terraform | Ansible | Gitlab-CI
- English, Arabic, French

## Experience

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### DevOps engineer

Orange PFC - Squad

Hybride, Nice

09/2023 - Current

> **Orange PFC** is a department at **Orange** (telecommunication company) which is responsible for all topics related to cloud and observability for other **Orange** IT departments.

- Use of Helm charts and a helmfile to facilitate deployments and application management.
- Design and implementation of a new logging solution as SaaS using Grafana, Loki, and Promtail.
- Configured and administered Promtail components and the Loki stack, including log read/write management.
- Performed benchmark tests to assess the stability and availability of the logging solution.
- Development of API features in python with unit testing and continuous deployment on Gitlab **which gave users access directly to their Grafana orgID.**
- Automatic deployment of solutions and Grafana dashboards in the event of crashes in development and pre-production environments, using Terraform. **This approach gained us the ability to create and manage our need for deleted resources in our infrastructure.**

### IT DevOps Analyst

Geodis SCO

Hybride, Paris

08/2021 - 07/2023

> **Supply Chain Optimization** is a lobby in **Geodis** (worldwide logistics company) which is responsible for optimizing and managing the supply chain for clients or other **Geodis** lobbies.

- Analysis and evaluation of monitoring tools to optimize system performance.
- Design and implementation of a monitoring strategy for applications hosted on Azure Cloud, using Grafana for data visualization.
- Integration of monitoring solutions to create a centralized, high-performance hypervision system.
- Migration to Dynatrace for application performance analysis and optimization.
- Use of Dynatrace for functional supervision, enabling end-to-end monitoring of business flows **The solution was approved and used for the monitoring needs..**
- Cost management and resource optimization for Azure Cloud solutions using a FinOps approach. **Gained more than 1000€/monthly on Azure Storage.**
- Enhanced security at the Kubernetes infrastructure level (K8s), addressing various security-related topics.
- Sharing knowledge and training L2 IT support teams in supervision techniques and Dynatrace implementation, in a context of DevOps culture promoted by the group. **All the L2 IT Ops support were able to communicate with the Digital Factory team to address users issues and deliver new features fast.**

### QA automation & tester

Académie de Lille

Remote, Lille

04/2021 - 07/2021

> **Académie de Lille** is a French educational district managed by a rector, which groups together all the schools in the Nord and Pas-de-Calais departments.

- Analysis and comparison of tools for functional testing, with the aim of optimizing quality control processes.
- Integration and automation of functional tests within a continuous deployment pipeline (CI/CD) on Gitlab, which **improved delivery efficiency and reliability with E2E tests.**
- Design and development of test scenarios to validate functionality and ensure compliance with project requirements.

## Education

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### Master of Cloud Computing

Université de Lille 1

Lille, France

09/2021 - 06/2023

- Major in Cloud Computing and Research | Took place in the Kubernetes hackathon with Scaleway Lille | GPA 3.7

### Bachelor of Computer Science

Université de Lille 1

Lille, France

09/2020 - 06/2021

- Major in Computer Engineering and Science | GPA 3.0