

EL MEHDI LAFKAIHI

Junior Cloud DevOps Engineer

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EXPERIENCES AND PROJECTS

Software Development Engineer Intern *NOKIA*

July 2023 - January 2024
Paris, France

- Engineered an automated testing infrastructure using Python, C++, Docker, and Robot Framework, reducing testing time from **4 hours** to **6 minutes**, significantly improving CI/CD pipeline efficiency.
- Enhanced system integration, reliability, and scalability through the use of Virtualization and Linux.

Cloud DevOps Engineer Intern *The French National Swimmers Federation*

February 2023 – June 2023
Lyon, France

- Collaborated with cross-functional teams in the integration and deployment of a machine learning model on AWS, reducing manual effort by **80%**.
- Leveraged Python, Pytorch, Jenkins, Docker, and Kubernetes for seamless cloud-based implementation and automation, ensuring robust and scalable infrastructure.

Optimization and Automation Engineer Intern *ONCF - Railways National Office*

September 2022 – January 2023
Casablanca, Morocco

- Developed and implemented an automated resource allocation system using AWS, Python, Docker, Terraform, and Jenkins, reducing planning time by **40%** and enhancing resource utilization by **25%**.
- Streamlined cloud infrastructure and improved operational efficiency with advanced optimization techniques and machine learning algorithms.

TECHNICAL SKILLS

- **Cloud and DevOps:** Cloud Computing (Amazon Web Services), Infrastructure as Code (Terraform, CloudFormation), Configuration Management (Ansible), CI/CD tools (Jenkins), Containerization (Docker, Kubernetes), Networking, Database Management (MySQL, MongoDB), Monitoring (Prometheus), Scripting languages (Python, Bash, PowerShell), Git.
- **Languages:** Fluent in English (TOEIC 845), French (DALF C1) and Arabic.

EDUCATION

- **Ecole Centrale Casablanca.** *September 2021 – ongoing*
Master's Degree in Data Engineering & Machine Learning.
- **Ecole Centrale de Lyon.** *February 2023 – June 2023*
International Exchange in Software Engineering.

CERTIFICATIONS

- **AWS Certified SysOps Administrator Associate**, Amazon.
- **AWS Certified Developer Associate**, Amazon.
- **Google Project Management**, Google.

PASSIONS

- Reading: Personal development books.
- Tech Meetups and Hackathons.