

EL AMRANI Mouna - DevOps Engineer

+33 620206989 | elamranimouna15@gmail.com | linkedin.com/in/mouna-el-amrani |

EXPERIENCE

DevOps Engineer

Sep. 2024 – Today

Worldgrid (ENEDIS as end client)

Paris, France

- Designed and customized **GitLab CI/CD** pipelines using templates to automate builds, quality and security checks, container publishing, and multi-environment deployments.
- Developed **Terraform** modules to provision and manage AWS resources (**ECS** clusters, **ALBs/NLBs**, **ACM** certificates, **S3** backends, **RDS** databases, **CloudFront** distributions).
- Troubleshoot, optimized cloud deployment workflows and resolved issues with **IAM** permissions, **security groups**, **load balancer** routing and cross-account integrations.
- Developed an automated monitoring solution using **Idatha** and **Grafana** to enhance system uptime and proactively identify issues before impacting users.
- Implemented a cross-database anonymization engine powered by **YAML** based configurations and masking techniques to ensure sensitive and regulatory compliance.
- Tools : SonarQube, Checkmarx, AWS, Terraform, Python, Oracle, MSSQL, PostgreSQL.**

Software Developer Intern

Feb. 2024 – Aug. 2024

Worldgrid

Grenoble, France

- Designed and deployed a **microservices**-based web architecture integrating backend systems through REST APIs.
- Integrated **Node-RED** into an R&D platform by deploying it on **Kubernetes** clusters and implementing custom nodes tailored to specific business needs.
- Tools : React, Golang, Docker, Kubernetes, InfluxDB, Redis, PostgreSQL, NodeJS.**

Data Analyst CRM Intern

Jul. 2023 - Sep. 2023

Crédit du Maroc

Casablanca, Morocco

- Measured customer response rates to credit solicitations and identified cost-effective channels.
- Built a **logistic regression** model to score customer's credit appetite while ensuring regulatory compliance.
- Tools : SAS, SQL, Python (Pandas, Numpy, Scikit-learn).**

Back End Developer Intern

Jul. 2022 - Sep. 2022

Eduwave

Casablanca, Morocco

- Participated in incident response and troubleshooting activities to resolve production issues.
- Implemented best practices for code quality and deployment.
- Tools : Docker, SonarQube, Helm, Artifactory, GitLab.**

EDUCATION

Grenoble-Inp Phelma

Grenoble, France

Exchange semester in Computer Science

Sep. 2023 – June. 2024

National School for Computer Science (ENSIAS)

Rabat, Morocco

Engineering degree, specialization in Software engineering

Sep. 2021 – June. 2024

PROJECTS

Configuration Management | *Ansible, Linux, Nginx, YAML*

- Automated Linux server setup with Ansible roles to handle web server installation and deployed a static website by extending the **app** role to pull and serve directly from Gitlab.

Dockerized Service | *Node.js, Docker, GitHub Actions, Linux*

- Built and containerized a Node.js service while securing sensitive data through **Basic Auth**, and automated **CI/CD** pipeline using to build Docker images and deploy the service on a remote Linux server.

SKILLS & INTEREST

Technologies : Jenkins, JUnit, Argo CD, Linux, Git, Jira, Java, SQL.

Certificats : AWS Solution Architect Associate (Ongoing), HashiCorp Certified Terraform Associate (Ongoing).

Extracurricular: Spokesperson (*Adei ENSIAS*), co-head of Sponsoring cell (*AI club Ensias*).

Languages : French (*C2*), English (*C2*), Arabic (*Native*).

Interests : Tennis, VolleyBall, Piano.