# Abdelati EL ASRI

Lead DevOps

## 💼 Employment History

### Devops Lead at elham.sa, Remote (Riyadh, SA)

April 2022 — Present

- Configured and managed Kubernetes clusters to ensure high availability and scalability of multi-tenant learning platform with +500 tenants.
- Developed a CI/CD pipeline that improved system reliability and up-time
- Implemented observability using Prometheus, Grafana, Loki, Sentry, ScoutAPM and Alibaba Cloud-monitor; leading to early detection and resolution of system issues.
- Analyzed system performance, identified bottlenecks, and implemented solutions to improve system throughput, effectively scaling the system to 100k concurrent users
- Optimized cloud infrastructure costs through resource right-sizing, achieving 60% reduction in monthly spend
- Orchestrated technical migrations and deployments in collaboration with Saudi clients in Oracle Cloud, maintaining platform stability during major version upgrades
- Introduced and drove adoption of DevOps practices, including GitOps for k8s deployments, resulting in standardized release workflows, automated release notes, and improved reliability.
- Fixed performance bottlenecks through Django and Angular code optimization and caching

### Devops Engineer at elham.sa, Remote (Riyadh, SA)

April 2022 — April 2024

### Devops - Data Engineer at Innova Smart Health, Casablanca

July 2021 — April 2025

- Continuous communication with the Product Owner to translate business needs into technical requirements for the development team.
- Contribution to system Architecture & Design.
- Development of analytics back-end using Cube.js. Modeling Data Cubes to answer complex business questions.
- Development of interactive dashboards using Angular and Data visualizations.
- Containerization and deployment of the system components on Kubernetes cluster.
- Developed Git-lab CI/CD pipeline that improved system reliability and deployment automation to different environments.

## Details

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## Links

Linkedin
Website
Github

## Skills

Kubernetes - Docker

Git - CI/CD Github Actions - Gitlab CI - GitOps

Prometheus - Grafana

Oracle - AWS - GCP - Alibaba

Pulumi - Terraform

PostgreSQL

## Languages

English

French

Arabic

## ❖ Certificates

**CKS + CKAD + CKA + KCNA, Linux Foundation**

**AWS Cloud Practionner, AWS**

## ∷ Internships

**Android Developer at Synergy Media, Agadir**

April 2018 — June 2018

Development of an Android Application for serving and managing ads using Android Java and Firebase.

**Developer at ISIMEDIA, Agadir**

January 2017 — March 2017

Developed real-time attendance tracking system using RFID and Arduino, integrated with centralized database and web dashboard for management reporting

**BI developer Intern at Innova Smart Health, Casablanca**

January 2019 — June 2019

- Study of different technical solutions for the requirement of embedded business intelligence and near-real-time dashboards without overloading the transactional database.
- Development of analytics back-end with Cube.js and Modeling Data Cubes and interactive dashboards to answer complex business questions.

## ❖ Education

**Master of Data Science, University of Cadi Ayyad, Marrakesh**

January 2019 — June 2021

**Bachelor of Software Engineering, EST, Agadir**

September 2017 — June 2018

**DUT of Software Engineering, EST, Agadir**

September 2015 — June 2017

## ❧ Community Contributions

**Core Team at @Geeksblabla Community**

**Hosting Tech Podcast at @Devsinstyle**

**Speaking and Teaching**

- Talk: Scaling Backend Systems to 100k Users - BlaBlaConf 3.0
- Talk: GitOps with Flux & GitHub Actions - INPT (Engineering School)
- Talk:  DevOps & CI/CD Overview (Arabic) - YouCode School
- Course: Taught GitOps Course at Ynov Devops bootcamp
- Workshop: Containerizing a full-stack app - INPT (Engineering School)