

Ouriniche Youssef

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EDUCATION

Moroccan School of Engineering Sciences (EMSI)
Software Engineering (Computer Science)

Casablanca, Maroc

WORK EXPERIENCE

Oroxilia

Software Development Intern

Mohammedia, Maroc

Jul 2025 - Sep 2025

- Built headless **Spring Boot microservices** to automate Jira data ingestion, KPI computation, and scheduled Excel/PNG report distribution via the Email Service.
- Leveraged **Kafka** for reporting pipelines and **RabbitMQ** for reliable Email Service queues with retries and priorities.
- Contributed to team workflows with **GitHub Actions CI/CD**, **Dockerized** services, **AWS ECS** Fargate deployment and **CloudWatch** logging.

Oroxilia

Software Development Intern

Mohammedia, Maroc

Jun 2024 - Aug 2024

- Built a monolithic task management application using **Spring Boot** to gain hands-on experience in backend architecture, **CRUD** operations, and **RESTful API** development.

PROJECT EXPERIENCE

Distributed Reporting & Analytics Platform

Casablanca, Maroc

Reactive Microservices Reporting Platform

- Architecture of 5 reactive **microservices (Spring WebFlux)**: Jira Fetch, Reporting, Chart, Excel, Email.
- Jira data ingestion, KPI calculation (hours, productivity, performance), Excel/PNG report generation, email distribution using Thymeleaf templates.
- **Asynchronous** processing: **Kafka** for business events (idempotency, ordering), **RabbitMQ** for email queues (priority, retries, DLQ).
- REST APIs, clean DTOs, validation, pagination, unit and integration testing (JUnit 5, WebTestClient, R2DBC).

Personal Project

Casablanca, Maroc

DevOps CI/CD pipeline

- **CI/CD pipeline** with **GitHub Actions**: build, automated tests, security scans (**CodeQL/OWASP**), Docker image push, deployment to **AWS ECS** Fargate.
- **Infrastructure as Code** using **Terraform** (VPC, IAM, ECS, RDS), **CloudWatch** monitoring, messaging orchestration with **Kafka** and **RabbitMQ**.
- Docker containerization, local validation with Docker Compose, microservices observability and resilience.

CERTIFICATIONS

- **Oracle Cloud Infrastructure 2025 Certified Foundations Associate**
- **Oracle Cloud Infrastructure 2025 Certified Developer Professional**
- **Oracle Cloud Infrastructure 2025 DevOps Professional**

TECHNICAL SKILLS

- **Languages/Frameworks:** Java, Spring Boot, MySQL
- **Tools/Platforms:** Docker, Terraform, Git, Jira, Postman, RabbitMQ, Kafka, AWS, Redis, PostgreSQL
- **Practices:** REST APIs, JWT, Spring Security, Clean Code, CI/CD Pipelines