BOURHYM MOHAMMED

Software Engineer at ENSET seeking a PFE Internship (4–6 months starting February). Skilled in Web Development & DevOps.

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⎇ https://github.com/MohammedBourhym 🌐 https://bourhym.me

PROFILE

Software Engineering student with a strong interest in DevOps and cloud technologies. Passionate about continuous learning, optimizing processes, and contributing effectively to high-performing engineering teams. Committed to leveraging technical skills and a growth mindset to drive impactful solutions

SKILLS

- **Web Development:** HTML, CSS, JavaScript, React, Angular, Spring Boot, Bootstrap, Node.js, TailwindCSS.
- **Programming Languages:** Java, JavaScript, C++, PHP, Python.
- **Databases:** MySQL, MongoDB, PostgreSQL, Redis, Supabase.
- **DevOps & Cloud:** Git,Docker, Docker Compose, AWS, Terraform, Ansible, GitHub Actions, Kubernetes (EKS).

CERTIFICATES

- **DevOps with Projects.**
- **Red Hat System Administration I & II,**
- **Python for Data Science and AI.**
- **Angular: The Complete Guide**

EXTRACURRICULAR ACTIVITIES

- **ENSET PODCAST Founder.**
- **GDG core team membre.**
- **Moroccan Census 2024 Investagator.**

LANGUAGES

- **Arabic**
- **French**
- **English**

EDUCATION

CYCLE D'INGÉNIEUR EN GÉNIE DU LOGICIEL ET DES SYSTÈMES INFORMATIQUES DISTRIBUÉS

ENSET, Mohammedia   **2023-Present**

DEUG COMPUTER AND MATHEMATICAL SCIENCE (SMI)

Faculté des sciences, Université
Abdelmalek Essaâdi, Tetouan   **2021-2023**

EXPERIENCE

Web Developer (Internship)   JULY 2025 –
IT Access, Tangier Morocco   SEPTEMBER 2025

- Built a maintenance ticket management application using **Angular** (front-end) and **Spring Boot** microservices with **Kafka**, centralized configuration, **Eureka** service discovery, and **PostgreSQL**
- Implemented real-time features with **WebSockets**, secure authentication with **JWT** and role-based access, and integrated **Spring AI** Agent (**Ollama**) for intelligent ticket handling
- Containerized services with **Docker Compose**, added mail notifications via **Spring Cloud**, and prepared deployment on **Kubernetes EKS** on **AWS.**

Web Developer (Internship)   JULY 2024 –
Foliatech, Tangier Morocco   AUGUST 2024

- Developed a full-stack employee management web application using **Angular** (frontend) and **Node.js** + **Supabase** (backend), implementing **JWT**-based role access control with protected RESTful routes

PROJECTS

CommandBuddy – Cloud-Native GitOps Project

Built a full-stack (**React**, **Spring Boot**, **MongoDB**) cloud-native app deployed on **AWS EKS** via **Terraform** and **Docker**, with CI/CD pipelines (**GitHub Actions**, **Helm**) and **Groq** LLM-powered features.

EduN7 – RAG-Powered AI Chatbot

Created a document-based **RAG** system integrating **Groq** LLM with **Elasticsearch**, featuring a **Spring Boot** (Java 17, **LangChain4j**) backend and responsive **React** + **TailwindCSS** frontend.

CapLearn – Language Learning Application

Built an interactive language-learning platform using **Groq Whisper** API for video subtitle generation and vocabulary learning, with a **React** + **TailwindCSS** frontend and **Dockerized Node.js** backend.