

Ibrahim El Othmani

Full Stack Developer

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 Nabeul, Tunisia

 Portfolio

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 Ibrahim El Othmani

EDUCATION

Certification in Full Stack Development

2i Formation

Sousse, Tunisia

Bachelor of Civil Engineering

Higher Institute of Technological Studies

Nabeul, Tunisia

PROFESSIONAL EXPERIENCE

Full Stack Developer (Spring boot/Angular) Intern

IBH Ibn alhaythem 

08/2024 – 10/2024 | Kelibia, Tunisia

- Developed a job portal web application with over 500 users using the Spring Framework and Angular.
- Utilized Spring Framework and Microservice Architecture for server-side development, while employing Angular for the client-side.

Web Developer Intern

Upwork 

04/2024 – 06/2024 | Tunis, Tunisia

- Built enterprise-grade REST APIs to support complex workflows, enhancing the scalability of client systems by 30%.
- Optimized SQL queries and database schema, reducing query execution time by 50%, improving overall performance.
- Worked in cross-functional teams, using Agile methodology to deliver high-quality, on-time solutions aligned with client objectives.

PROJECTS

AI-Powered Cybersecurity Threat Detection System

01/2025 – present

- Designed a system architecture to detect and mitigate real-time cybersecurity threats using TensorFlow for analyzing network traffic and system logs for anomalies.
- Using Docker and Kubernetes with CI/CD managed by Jenkins.
- Outlined a React dashboard for threat visualization and proposed monitoring with Prometheus and Grafana for system reliability.
- Technologies:** TensorFlow, Apache Kafka, Spark, React, Docker, Kubernetes, Jenkins, Prometheus, Grafana.

Multi-Modal AI Agent Platform with RAG Integration

11/2024 – 12/2024

- Developed an AI-powered platform using Spring Boot, Langchain4J, and Angular to enable multi-modal data processing and retrieval-augmented generation (RAG).
- Integrated AI agents for intelligent decision-making and deployed scalable cloud infrastructure for real-time performance.
- Technologies:** Spring Boot, Langchain4J, Angular, RAG, Docker, Jenkins, PostgreSQL.

End-to-End Job Search Platform with DevOps Integration

08/2024 – 10/2024

- Developed a scalable job search platform for 300+ users using Spring Boot, Angular, and Keycloak, with a microservices architecture and API Gateway.
- Containerized the app with Docker, automated CI/CD pipelines using Jenkins, and managed infrastructure as code with Terraform.
- Implemented monitoring with Prometheus and Grafana to ensure high availability and performance.
- Technologies:** Spring Boot, Angular, Keycloak, Docker, Jenkins, Terraform, Prometheus, Grafana, MySQL/PostgreSQL.

SKILLS

Programming Languages :

Java, JavaScript, Php, Python

Frameworks & Libraries :

Spring, Symfony, Angular, React,

Databases :

SQL : (MySQL, PostgreSQL) , NoSQL : (MongoDB)

DevOps Tools :

Git, GitHub, Docker, Kubernetes, Jenkins, Terraform

LANGUAGES

- Arabic [C2]
- English [B2]
- French [B1]