

Ibrahim El Othmani

Full Stack Developer

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EDUCATION

Full Stack Development Training

Sousse, Tunisia

2i Formation

- Completed an intensive program in full-stack development, covering front-end (HTML, CSS, JavaScript, Angular) and back-end (Php, Java, Symfony, Spring boot) technologies.
- Built projects showcasing skills in web development, APIs, and responsive design.

Bachelor of Civil Engineering

Nabeul, Tunisia

Higher Institute of Technological Studies

PROFESSIONAL EXPERIENCE

Full Stack Developer (Spring boot/Angular) Intern

08/2024 – 10/2024 | Kelibia, Tunisia

IBH Ibn alhaythem

- 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

04/2024 – 06/2024 | Tunis, Tunisia

Upwork

- 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

- Designed and implemented a multi-modal AI agent platform leveraging Retrieval-Augmented Generation (RAG) for intelligent data retrieval and decision-making.
- Integrated Langchain4J for AI agent orchestration and OpenAI models for natural language processing and embeddings.
- Developed a user interface using Angular for seamless interaction with the AI agents.
- Built the backend using Spring Boot to handle complex workflows and ensure scalability.
- Technologies:** Spring Boot, Langchain4J, Angular, OpenAI, RAG, Docker, Jenkins.

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]