

# Ibrahim El Othmani

## Full Stack Web Developer

✉ ibrahimelothmanii@gmail.com 📍 Nabeul, Tunisia 📄 Portfolio 🌐 GitHub 🌐 LinkedIn

### PROFILE SUMMARY

Highly motivated and results-oriented Full Stack Developer with a Bachelor's degree in Civil Engineering and recent intensive bootcamp training. Proficient in developing and deploying web applications using Java, Spring Boot, Angular, React, and DevOps tools including Docker and Kubernetes. Proven ability to design scalable solutions, build RESTful APIs, and optimize database performance, as demonstrated through internship and project experience. Eager to contribute to a dynamic team and build innovative software solutions.

### EDUCATION

**Full Stack Development Training** 10/2023 – 03/2024 | Sousse, Tunisia  
*Zi Formation*

**Bachelor of Civil Engineering** 09/2017 – 08/2020 | 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 for over 500 users using Spring Framework and Angular.
- Utilized Spring Framework and Microservice Architecture for server-side development, employing Angular for client-side features.
- Collaborated in cross-functional teams, applying Agile methodologies to deliver high-quality, on-time solutions aligned with client objectives.

**Web Developer Intern** 04/2024 – 06/2024 | Tunis, Tunisia  
*Upwork (Client Project)*

- Built enterprise-grade REST APIs to support complex workflows, enhancing client system scalability by 30%.
- Optimized SQL queries and database schema, reducing query execution time by 50% and improving overall performance.

### PROJECTS

**AI-Powered Cybersecurity Threat Detection System** | GitHub 📄 01/2025 – present

- Designed a system architecture to detect and mitigate real-time cybersecurity threats by analyzing network traffic and system logs using TensorFlow.
- Implemented CI/CD pipelines using Jenkins and containerized the application with Docker and Kubernetes for scalable and reliable deployment.
- Developed a React dashboard for real-time threat visualization, enabling faster incident response and system monitoring with Prometheus and Grafana.
- Technologies:** TensorFlow, Apache Kafka, React, Docker, Kubernetes, Jenkins, Prometheus, Grafana.

**Multi-Modal AI Agent Platform with RAG Integration** | GitHub 📄 11/2024 – 12/2024

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

**Job Search Platform with DevOps Integration** | GitHub 📄 08/2024 – 10/2024

- Developed a scalable job search platform designed to handle 300+ users using Spring Boot, Angular, and Keycloak, incorporating a microservices architecture and API Gateway for robustness.
- Containerized the application with Docker and automated CI/CD pipelines using Jenkins for efficient deployment and updates.
- Implemented monitoring with Prometheus and Grafana to ensure high availability, track performance metrics, and enable proactive issue resolution.
- Technologies:** Spring Boot, Angular, Keycloak, Docker, Jenkins, Terraform, Prometheus, Grafana, MySQL/PostgreSQL.

### SKILLS

#### Programming Languages:

Java, JavaScript, Python, PHP, SQL

#### Frameworks & Libraries:

Spring Boot, Symfony, Angular, React

#### Databases:

MySQL, PostgreSQL, MongoDB

#### DevOps Tools:

Git, GitHub, AWS, Docker, Kubernetes, Jenkins, Terraform, Ansible

### LANGUAGES

- Arabic (Native/C2 - Proficient)
- English (B2 - Upper Intermediate)
- French (B1 - Intermediate)