Ibrahim El Othmani

Full Stack Developer

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PROFILE SUMMARY

Full Stack Developer with a Bachelor's in Civil Engineering and advanced training from an intensive bootcamp. Skilled in building scalable web applications with Java, Spring Boot, Angular, and React, complemented by DevOps expertise in Docker, Kubernetes, and CI/CD pipelines.

EDUCATION

Higher Institute of Technological Studies   09/2017 – 08/2020 | Nabeul, Tunisia
Bachelor of Civil Engineering

PROFESSIONAL EXPERIENCE

Co, Founder   01/2025 – present | Tunisia, Tunisia
EasyBuild
- Articulate EasyBuild's mission to revolutionize architectural design for architects, builders, and planners.
- Iterate on features based on user input, such as enhancing 3D visualization or adding collaboration tools.
- Research competitors (e.g., AutoCAD, SketchUp) to position EasyBuild as a faster, AI-driven alternative.
- Pitch to investors or secure funding to support AI model integration, marketing, and team expansion.
- Build partnerships with architectural firms, real estate developers, or AI providers to enhance credibility and reach.

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)

CERTIFICATES

Web Development with Spring Boot and Angular
- IBH Ibn Alhaytham

Web Development with Angular and Symfony
- 2i Training

Web Integration
- 2i Training