Ibrahim El Othmani

Full Stack Developer

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Profile Summary

Results-driven Full Stack Developer with expertise in building scalable SaaS platforms like EasyBuild, serving 50+ clients with AutoCAD/Revit-compatible DWG generation using Angular, Spring Boot, and AWS. Proficient in DevOps practices, including Docker, Kubernetes, Terraform, and GitHub Actions, delivering zero-downtime deployments and real-time monitoring with Prometheus. Passionate about creating user-focused solutions, with a portfolio showcasing innovative projects at ibrahimelothmani.vercel.app ⧉ .

Skills

Programming: Java, JavaScript, TypeScript, Python, Php

Frameworks: Angular, Spring Boot, React, Symfony, Laravel

APIs: RESTful APIs, GraphQL, Autodesk Forge

Databases: PostgreSQL, MySQL, MongoDB, Redis

DevOps: Docker, Kubernetes, GitHub Actions, Terraform, Ansible, Jenkins, AWS (EKS, S3, RDS, ElastiCache)

Tools: Git, Prometheus, Grafana, Stripe, Keycloak, Agile/Scrum

Professional Experience

Full Stack Developer   Jan 2023 – present | Tunisia, Tunisia
EasyBuild
- Developed EasyBuild, a SaaS platform serving 50+ clients, enabling architects to generate AutoCAD/Revit-compatible 2D/3D DWG files from sketches using Angular, Spring Boot, and Autodesk Forge API.
- Built a responsive frontend with Angular, TypeScript, and Tailwind CSS, ensuring WCAG 2.1 compliance for sketch uploads and plan previews.
- Implemented scalable RESTful APIs with Spring Boot, storing files in AWS S3 and optimizing performance with Redis caching for 100+ concurrent users.
- Integrated Keycloak for OAuth 2.0 authentication and Stripe for secure payment processing.
- Established a DevOps pipeline using GitHub Actions, Docker, Kubernetes (AWS EKS), Terraform, Ansible, and Prometheus/Grafana for zero-downtime deployments.

Projects

AI-Powered Cybersecurity Threat Detection System ⧉
- Developed a comprehensive cybersecurity solution leveraging artificial intelligence to detect and mitigate real-time security threats by analyzing network traffic and system logs.
- **Technologies:** Python, TensorFlow, FastAPI, React, TypeScript, Docker, Kubernetes, Terraform, Ansible, Prometheus, Grafana.

Online Shopping Application ⧉
- Designed and developed a microservices-based online shopping application, focusing on scalability, maintainability, and performance.
- **Technologies:** Java, Spring Boot, Spring Cloud, Angular, Docker, Kubernetes, Prometheus, Grafana.

Education

Full Stack Development Bootcamp   Sep 2023 – Apr 2024 | Sousse, Tunisia
2i Formation
- Completed part-time evening program while maintaining full-time employment, focusing on Angular, Spring Boot, and DevOps.

Bachelor of Civil Engineering   Sep 2017 – Aug 2020 | Nabeul, Tunisia
Higher Institute of Technological Studies

Certificates

- Oracle AI Vector Search Professional - Oracle
- JavaScript Algorithms and Data Structures - freeCodeCamp
- Fundamentals of Engineering Exam Review - Georgia Institute of Technology

Languages

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