HAMZA DAHBI

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SUMMARY

As a full-stack developer with a strong backend expertise, I am passionate about creating powerful, secure, and scalable systems that support modern applications. My core focus is designing robust architectures, efficient APIs, and effective cloud infrastructures, while also being capable of developing clean, responsive, and intuitive web interfaces. I place great importance on code quality: readable, maintainable, and well-documented. Always curious and motivated to learn new technologies, I am ready to take on new challenges. If you are looking for a reliable and versatile developer, capable of ensuring both backend robustness and frontend elegance, I would be delighted to collaborate with you!

EXPERIENCE

Senior Backend Developer
CANUSI   **January 2025 – April 2025**

· Development of microservices in Scala (Play Framework).

· Development of SPA applications in Angular.

· Development of REST APIs in Java Spring Boot.

· Containerization via Docker.

· Implementation of CI/CD via Github CI.

· Participation in the specification of releases and creation of user stories on Jira.

· Promotion of good development practices (code review, peer programming).

· Implementation of tests in Scala.

Senior Product Engineer
Olive-Energy   **January 2024 – January 2025**

· Tech Lead of the project, responsible for the digitalization of HR processes, payroll, stock management, and asset maintenance.

· Design, development, and deployment of custom solutions based on Zoho (Deluge) and Java with Angular, ensuring the integration and automation of business workflows.

· Change management and team training to ensure adoption and successful deployment.

· Successfully deployed solutions used in production to optimize operational efficiency.

Software Engineer
Bsuccess   **September 2020 – January 2024**

· Design and implementation of systems based on microservices (Kong Gateway, Kafka).

· Development of microservices in Scala (Play Framework) and TypeScript (NestJS Framework).

· Development of REST and GraphQL APIs.

· Development of SPA applications in Angular and React.

· Implementation of jobs and schedulers with Akka and BullMQ.

· Design and modeling of SQL (PostgreSQL, MySQL) and NoSQL (MongoDB) databases.

· Implementation and configuration of Dev and Test infrastructure under Linux.

· Containerization of applications via Docker.

· Implementation of CI/CD via GitLab CI.

· Participation in the specification of releases and creation of user stories on Jira.

· Implementation of good development practices (code review, peer programming).

PROJECT

Transmap

· Addition of communication with Odoo, facilitating the integration of business processes.

· Implementation of a real-time monitoring system based on a NestJS rule engine, with Frost server integration for data flow management.

· Migration of the data management interface from Material Design form-builders to AG Grid under Angular, improving performance and ergonomics.

· Single repository integration.

ETL

· Development of a no-code ETL tool with dynamic ETL models, promoting schema reusability between databases.

· Design based on Spark and Spring for the backend, Angular and mxGraph for the frontend.

· Platform dedicated to efficient data integration and transformation.

· Successful deployment of the platform.

SE-Solutions

· Angular Frontend: responsive web application for managing and visualizing maintenance operations.

· Supabase Backend: database management, authentication, and storage with a performant API.

· Traefik reverse proxy configured for route management, security (SSL/TLS), and high availability of services.

EDUCATION

Master in Computer Methods Applied to Management

Université Côte d'Azur · Nice, France · 2020

· string.

Engineer in Computer Science and Networks

EMSI · Morocco · 2020

· string.

Bachelor's Degree in Computer Mathematics

Faculty of Sciences Ain Chok · Morocco · 2018

· string.

SKILLS

Java, Spring Boot, Spring, Scala, Play Framework, Akka, TypeScript, NestJS, PHP, Symfony, Python, C, C#, Deluge scripting

Angular, SPA, Material Design, RxJS, AG Grid, React, mxGraph, Bootstrap

PostgreSQL, MySQL, MongoDB

Docker, CI/CD, GitLab CI, Github CI, Linux, Traefik, Supabase

Jira, Code review, peer programming