LHAMIDI Marouane

Full-Stack Certified Java Developer (Angular TS - Spring Boot)

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PROFESSIONAL EXPERIENCE

Rim Connect Full-Stack Java Developer (Angular TS, Spring Boot)   March - September 2023
Geolocation Application   September 2023 – Present

The Geolocation Application project aims to optimize the management and tracking of vehicle routes.

- Developed controls to start, stop, and visualize vehicle speeds and routes, including the integration of color-coded polylines for paths.
- Managed vehicle and driver-related data, while creating a simulation feature to represent past routes and stops with interactive visual details.
- Designed a map interface to optimally display stops, providing clear and intuitive visualization of stopping points.

Technologies and tools used: Java, Spring Data, Spring Boot, Spring Security, Angular TS, Leaflet, WebSockets, Caching, Geolocation APIs, MySQL, Multitenancy, Maven, GitLab, Figma.

TMS (Transport Management System)

The TMS project was developed to improve the management and tracking of vehicle routes by incorporating advanced features for optimizing mission planning.

Initial Project Setup
- Established the initial structure for both Back-End and Front-End.

Route Management and Tracking
- Developed features to enhance mission and route planning.
- Integrated APIs to estimate trip durations and distances, improving planning efficiency.
- Created a map-based interface to compare planned and actual routes using polylines, speed data, fuel consumption, and stops for clear simulations.

Incident Management
- Developed an interface to manage incidents, allowing users to add incident locations with supporting documents (e.g., images) and evaluate incident severity.
- Integrated a dashboard to facilitate incident analysis and created an intuitive overview on a map.

Archiving Management
- Implemented a traceability system for user deletions and developed an interface to display detailed archives.
- Enhanced archive management for faster and more efficient consultations.

Technologies and tools used: Java, Spring Data, Spring Boot, Spring Security, Angular TS, Leaflet, Geolocation APIs, MySQL, Multitenancy, Maven, GitLab, Figma.

Société Générale Maroc Back-End Java Developer (Spring Boot, Microservices)   March - September 2023
Testing and Integration within the Microservices Ecosystem   (5 months) Casablanca

- Configured an environment containing 4 microservices 3 REST and 1 SOAP.
- Simulated REST web services using Spring Cloud Contract and SOAP services using WireMock.
- Designed and developed an autonomous tool capable of consuming OpenAPI documentation and extracting necessary information to generate Spring Cloud Contract models.

Technologies and tools used: Spring Boot, Spring Cloud, Spring Cloud Contract, Swagger, WireMock, Maven.

PERSONAL PROJECTS

An E-commerce Application Integrating Multiple Technologies

- Developed a microservice for managing customers, products, and shopping carts.
- Configured the Kafka environment and containerized applications using Docker.
- Created servers for supplier management and invoice analysis for billing purposes.
- Developed an interface for managing clients, products, inventory, and dashboards.
- **Project link:** Full-Java–Jee-Microservices-App-Using-Different-Tech

    Technologies and tools used: Spring Boot, Spring Cloud, Kafka, Keycloak, Docker, Angular TS, OpenFeign, ZooKeeper, Postman, Docker Hub, Docker Compose.

EDUCATION

École Marocaine des Sciences de l'Ingénieur   Sept. 2018 – July 2023
Computer Engineering (Applied IT Methods for Business Management).   Casablanca

Lycée Ouled Hriz   Sept. 2017 – July 2018
Baccalaureate in Physical Sciences.   Berrechid

PROFESSIONAL SKILLS

Backend Development : Java/JEE, Spring Boot, Spring Cloud, Spring Security, Spring Data, Spring MVC, Spring AOP.
Frontend Development : HTML, CSS, Sass, Bootstrap, JavaScript, TypeScript, Angular TS, Angular Material.
Testing : Spring Cloud Contract, WireMock, JUnit, Mockito, TDD, Selenium.
Tools : Git, Docker, Keycloak, Zipkin, Postman, SOAPUI, Maven, Jira, Figma.

CERTIFICATIONS

Oracle Certified Professional: Java SE 17 Developer.
Angular - The Complete Guide (2024 Edition) [Udemy].
Google IT Support Professional Certificate.

LANGUAGES

Arabic (Native)   **French** (Proficient)   **English** (Proficient)