

HAMZA LHADOUCHI

Full Stack Developer | Java | Spring Boot | React.js | Laravel

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PROFESSIONAL SUMMARY

Full Stack Developer with demonstrated expertise in designing and implementing scalable web applications across the entire technology stack. Proficient in modern frameworks including React.js, Spring Boot, Node.js, and Laravel. Proven track record of delivering 6+ production-grade projects spanning healthcare, logistics, fintech, and hospitality sectors. Currently advancing technical expertise through intensive full-stack development bootcamp at YouCode (UM6P). Strong foundation in software architecture, REST API design, and database optimization.

TECHNICAL COMPETENCIES

Programming Languages

Java, JavaScript, TypeScript, PHP, Python

Backend Development

Spring Boot, Node.js, Laravel, Express.js, REST APIs

Cloud & DevOps

AWS (EC2, S3, Lambda), Docker, Git, GitHub, Maven

Frontend Development

React.js, HTML5, CSS3, Tailwind CSS, Framer Motion

Databases

MySQL, PostgreSQL, MongoDB, Firebase, Liquibase

Architecture & Tools

Microservices, OOP Design Patterns, Swagger, Agile/Scrum

PROFESSIONAL PROJECTS

Plateforme de Télé-expertise Médicale

Healthcare Technology | Full Stack Development

2024 | Marrakech, Morocco

Architected and developed comprehensive telemedicine platform enabling secure remote medical consultations between general practitioners and medical specialists with integrated patient management system.

- Engineered Java 8+ backend using Hibernate ORM with role-based access control for nurses, GPs, and specialists
- Developed dynamic JSP frontend with AJAX components for real-time consultation updates
- Designed normalized MySQL database schema with comprehensive audit trails and compliance features
- Deployed on Apache Tomcat 9+ with secure session management and SSL encryption

Smart Delivery Management System (SDMS)

Logistics & Supply Chain | Backend Development

2024 | Marrakech, Morocco

Built enterprise-scale logistics platform for parcel management with real-time tracking, automated routing optimization, and comprehensive shipment documentation.

- Architected RESTful API using Spring Boot with Swagger/OpenAPI documentation and 15+ endpoints
- Implemented database versioning strategy using Liquibase for seamless production migrations

- Developed MapStruct-based DTOs for efficient data transformation between API and persistence layers
- Integrated SLF4J logging framework with centralized audit logging for operational transparency
- Configured SMTP email notifications for automated customer and stakeholder communications

Bank Transaction Analysis & Anomaly Detection System

[Financial Services | Java Application](#)

2024 | Marrakech, Morocco

Developed comprehensive banking system featuring advanced transaction analysis, algorithmic fraud detection, and financial reporting with inactive account identification.

- Leveraged Java 17 with Stream API and functional programming for high-performance data processing
- Implemented sophisticated anomaly detection algorithms identifying irregular transaction patterns
- Designed PostgreSQL schema with indexed queries optimized for financial data analysis
- Generated comprehensive financial reports with monthly trends, client statistics, and fraud indicators

Restaurant Web Application & Digital Ordering Platform

[Hospitality Technology | Full Stack Development](#)

2024 | Marrakech, Morocco

Created comprehensive digital restaurant management platform featuring QR code-based table ordering, integrated payment processing, real-time delivery tracking, and reservation management.

- Built responsive React.js frontend with intuitive ordering interface and order status tracking
- Developed PHP 10 REST API with Sanctum authentication for secure client-server communication
- Integrated PayPal payment gateway for secure transaction processing and automatic invoicing
- Implemented real-time delivery tracking system with geolocation integration for customer visibility

TouriStay 2030 - Tourism Accommodation Marketplace

[Travel & Hospitality | Full Stack Development](#)

2024 | Marrakech, Morocco

Built rental accommodation platform for tourists attending Morocco-Spain-Portugal World Cup 2030 with advanced search, booking, and administrative capabilities.

- Designed React.js frontend with advanced multi-filter search by city, dates, and amenities
- Implemented comprehensive PHP 10 backend with Sanctum authentication and role-based authorization
- Integrated PayPal payment processing with automatic invoice generation and transaction logging
- Built admin moderation system for property and user management with compliance features

Park'It - Smart City Parking Management API

[Smart City IoT | REST API Development](#)

2024 | Marrakech, Morocco

Developed REST API for intelligent parking management enabling real-time availability tracking, spot reservation, and comprehensive facility management.

- Engineered Laravel REST API with Sanctum authentication for secure parking operations
- Implemented real-time availability tracking with PostgreSQL database optimization
- Developed reservation management system with cancellation and modification capabilities
- Built administrative dashboard for multi-facility parking management and reporting

EDUCATION

Full Stack Development Bootcamp - YouCode

[UM6P \(Université Mohammed VI Polytechnique\)](#)

2024 - 2026 (*In Progress*) | *Safi, Morocco*

Intensive hands-on training covering modern full-stack web development, advanced JavaScript frameworks, backend architecture, cloud technologies, and professional software engineering practices with emphasis on Agile and Scrum methodologies.

Diplôme Universitaire de Gestion (DEUG)

[Université Cadi Ayyad](#)

2021 - 2023 | *Marrakech, Morocco*

Sciences Biologiques

[Faculté des Sciences Semlalia \(FSSM\)](#)

2020 - 2021 | *Marrakech, Morocco*

PROFESSIONAL CERTIFICATIONS

AWS Cloud Technical Essentials - [Amazon Web Services](#) - July 2025

Architecting Solutions on AWS - [Amazon Web Services](#) - July 2025

Migrating to the AWS Cloud - [Amazon Web Services](#) - May 2025

Object Oriented Programming in Java - [UC San Diego](#) - [Rady School](#) - July 2025

LANGUAGES

Arabic: Native

French: Fluent

English: Professional Working Proficiency