

BADR EDDINE TOUBANI

Software Engineer · Java / Spring Boot & Next.js

Oracle Certified Professional · Java SE 17 & DevOps

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with a Master's in Distributed Systems & AI. Specialist in scalable microservices (Spring Boot), event-driven architectures (Kafka), and complex frontend interfaces (Next.js, React). Strong command of CI/CD pipelines, cloud deployments (AWS), relational database management (PostgreSQL/Liquibase), and Agile delivery in high-volume production environments.

PROFESSIONAL EXPERIENCE

Software Engineer | **WADOUZ SARL AU** | Aug 2025 – Present | Fes, Morocco

- Led full Back-Office development: designed REST APIs with Spring Boot, complex business logic & secure JWT authentication.
- Managed PostgreSQL relational data modeling and Liquibase migrations ensuring integrity across all environments.
- Built a responsive admin dashboard with Next.js, optimizing data visualization and user workflows.
- Established fully automated CI/CD pipelines via GitHub Actions, cutting deployment times and enforcing code quality.

Software Engineer | **ELECTRONIC SAV** | Jul – Aug 2025 | Remote

- Built and deployed a scalable E-commerce platform on AWS (EC2, S3) with Spring Boot and Next.js.
- Integrated Cloudinary cloud media management and delivered a custom admin dashboard.

Software Engineer | **FREELANCE — depannageservices.com** | Feb – Jun 2025 | Remote

- Designed and deployed a full-stack Booking Platform using Next.js and Supabase (auth, DB, UI, API).

Software Engineer Intern | **AXONE SYS** | Jul 2024 | Fes, Morocco

- Integrated Spring Boot backend APIs with Angular frontend in a multi-module Agile project.

KEY PROJECTS

Kafka Event-Based Library Manager Java · Spring Boot · Apache Kafka · Next.js

Distributed system with event-driven architecture. Kafka producers/consumers for real-time book availability tracking and asynchronous user notification pipelines.

E-Doctorat Management System Spring Boot · PostgreSQL · Spring Security

Secure doctoral administration platform featuring RBAC role management, JWT-based authentication, and full research workflow administration.

EDUCATION

Master's — Distributed Systems & AI

ENSET Mohammedia · 2026

B.Sc. — Software Engineering

EST Fez · 2024–2025

Technician Diploma — Full Stack Dev

OFPPPT · 2022–2024

CERTIFICATIONS

Oracle Cloud Infrastructure

DevOps Professional · 2025

Oracle Certified Professional

Java SE 17 Developer (1Z0-829) · 2025

Cisco PCAP

Programming Essentials in Python · 2024

TECHNICAL SKILLS

Backend & APIs

Java 17+, Spring Boot, Spring Security, Node.js, RESTful APIs, Microservices

Frontend

Next.js, React, Angular, TypeScript, Tailwind CSS

Data & Events

Apache Kafka, PostgreSQL, MongoDB, Liquibase, RabbitMQ, Oracle

DevOps & Cloud

Docker, AWS (EC2, S3), GitHub Actions, GitLab CI, Maven

Architecture

Event-Driven, Domain-Driven Design (DDD), Microservices, Clean Code

LANGUAGES

English · Professional Proficiency

French · Fluent

Arabic · Native