El-Merjani Mohamed *Software engineering student*

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in linkedin.com/in/elmerjani 📍 Rabat, Morocco ⌘ portfolio 🚩 Morocco

I'm a **final-year** Software Engineering student at **INPT** ↗ and **Oracle Certified Professional Java 17 developer**. I have strong skills in Java backend development, with a solid foundation in **cloud computing**, particularly **AWS**, and passionate about building could-native applications. I am currently seeking a **PFE internship** to apply my skills in real-world projects, contribute to impactful solutions, and gain valuable professional experience.

🎓 Education

Software Engineering,
National Institute of Posts and Telecommunications(INPT) ↗
2023 – present | Rabat

Preparatory classes MPSI/MP, *Omar Ibn Al-Khattab*
2021 – 2023 | Meknes

📁 Projects

Multi-Vendor E-commerce Platform(In progress),
Full-featured Multi-Vendor E-commerce website built using Next.js and hosted on Versel, designed to allow multiple sellers to manage their own storefronts and sell products through a unified marketplace ↗
Technologies: Next.js, Tailwind css, i18next, NextAuth, Prisma, PostgreSQL (hosted on **Neon**), Uploadthing

CashCard Application, *Modular Real-time Transaction Processing with Spring Cloud Stream* ↗
Technologies : Java, Spring Cloud Stream, Kafka, Docker, Spring Boot Test, Testcontainers

Product Service, *Stock Management using gRPC-based Communication and asynchronous messaging* ↗
Technologies: Spring Boot, Spring gRPC, Spring Cloud Stream (Kafka), Spring Data JPA, H2 Database, Kafka

🌐 Languages

Language	Level
Arabic	●●●●●
English	●●●●●
French	●●●●○

🗂 Certificates

Oracle Certified Professional: Java SE 17 Developer ↗

🧠 Skills

Frontend Development
HTML5, CSS3, Javascript, ReactJS

Backend Development
Spring Boot, Node.js, Express.js, FastAPI, PostgreSQL, MongoDB

Programming languages
Java, Python, C++, JavaScript, SQL

Dev Tools
Agile Methodologies, Git, GitHub, GitLab CI/CD, Docker, Kubernetes

💼 Professional Experience

Software Engineering internship, *Voynich.* ↗
06/2024 – 09/2024 | Mohammedia
Contributed to a full-stack invoice processing application with automated data extraction and management. Benchmarked OCR/NER services from AWS, GCP, and Azure, and built backend services with FastAPI and MongoDB alongside a responsive React.js (Vite) frontend.
Technologies: FastAPI, MongoDB, React.js (Vite), OCR/NER (AWS, GCP, Azure)

✨ Volunteering

Chef of the Algorithmic Cell, CIT Club – INPT ↗   09/2024 – 05/2025
Rabat, Morocco
As the head of the Algorithmic Cell at the CIT Club (INPT), I led weekly workshops focused on algorithms and competitive programming, while mentoring new members and organizing internal contests inspired by Codeforces to foster collaborative practice.

Organizing Committee Member – National Day of Young Developers (JNJD) ↗   05/2025
Rabat, Morocco
I took part in organizing the National Day of Young Developers (JNJD) as a technical team member. I contributed by creating algorithmic problems, setting up the DOMjudge platform for the live contest, and configuring virtual machines used by both judges and participants.