

Ilyas El Madni

Software Engineering Student · Backend & Full-Stack Developer

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SUMMARY

Software Engineering student specializing in backend and full-stack development, focused on building scalable software, clean architectures, and production-ready applications. Hands-on experience with Java, Spring Boot, React, and Next.js across personal projects and an industry internship.

EXPERIENCE

Software Engineering Intern OCP Group

Jul 2025
El Jadida, Morocco

Developed an internal application that digitized the bypass request workflow, replacing manual processes with a centralized system.

- Designed and developed a full-stack web application end to end.
- Modeled relational database structures for operational data.
- Built REST APIs and backend business logic.
- Developed responsive interfaces for internal users.
- Collaborated with business stakeholders to translate requirements into software.

Next.js Node.js PostgreSQL Prisma Tailwind CSS

PROJECTS

SnapHire — AI Mock Interview Platform Independent project

ilyasmdn.me

AI-powered mock interview platform with real-time voice conversations, authentication, and AI-driven feedback — designed, built, and deployed independently.

- Integrated AI voice interviews using Vapi.
- Implemented authentication, database management, and real-time feedback generation.
- Built a responsive frontend and full backend architecture.

Next.js TypeScript Firebase Tailwind CSS Vapi

EDUCATION

Engineering Degree — Information Systems & Digital Transformation École des Sciences de l'Information (ESI), Rabat

2024 — Present

Classes Préparatoires MP El Jadida

2022 — 2024

LANGUAGES

Arabic	Native
French	Professional
English	Professional

TECHNICAL SKILLS

LANGUAGES	Java, TypeScript, JavaScript, SQL
BACKEND	Spring Boot, Spring Data JPA, Node.js, REST APIs
FRONTEND	React, Next.js, Tailwind CSS
DATABASES	PostgreSQL, MongoDB, Firebase
TOOLS	Git, Docker, Linux, Maven, Prisma, Postman