

# Khadija Ahmada

## Fullstack Developer — Next.js / React / Node.js / NestJS

Portfolio — [khadijaahmada148@gmail.com](mailto:khadijaahmada148@gmail.com) — +212 604074544 — LinkedIn — GitHub

### Profile

**Full Stack Developer** specialized in **designing and building scalable web applications** from **system architecture to production deployment**. Strong background in **frontend engineering, backend APIs, databases, and DevOps**, with a focus on **performance, security, and clean system design**.

### Work Experience & Projects

#### ft\_transcendence — Real-time Multiplayer Web Platform (2024)

Next.js — Node.js — SQLite — WebSocket — TypeScript — Docker — JWT — 2FA — Prometheus — Grafana

- Architected and developed a real-time multiplayer web platform including Pong gameplay, authentication, chat, and social features.
- Implemented secure authentication and authorization using JWT and Two-Factor Authentication (2FA).
- Designed real-time communication layer with WebSockets, ensuring low-latency synchronization across clients.
- Built monitoring dashboards with Prometheus and Grafana to track system performance and user activity.

#### LanguageAI — AI-powered English Learning SaaS (2025)

Next.js (Fullstack) — Prisma — MongoDB — LLMs — TypeScript — Tailwind

- Developed a full-stack SaaS platform with Next.js handling both frontend UI and backend business logic.
- Integrated LLM-based features for content generation, smart exercises, and conversational learning.
- Designed data models and optimized queries using Prisma ORM.

#### Healthcare Project — Medical Cabinet Platform (2024)

Next.js — Express — Prisma — TypeScript — MongoDB

- Built a medical management system for appointment scheduling and patient/doctor workflows.
- Implemented interactive map for clinic discovery and secure online payment for remote bookings.
- Integrated an AI chatbot assistant to automate patient guidance and FAQs.

*More projects available on my portfolio: [ahmadakhadija.vercel.app](https://ahmadakhadija.vercel.app)*

### Education

1337 School & UM6P — Software Engineering & Web Development

2023–2026

Institut des Mines Marrakech — Technical Diploma

2019–2021

Baccalaureate — Mathematical Sciences

2018

### Technical Skills

**Frontend:** React.js, Next.js, Angular, Redux Toolkit, Tailwind CSS, HTML5, CSS3

**Backend:** Node.js, Express, NestJS, REST APIs, WebSocket

**Databases:** PostgreSQL, MySQL, MongoDB, SQLite, Prisma

**DevOps & Cloud:** Docker, CI/CD, Linux, Nginx, ELK Stack

**Monitoring:** Prometheus, Grafana

**Languages:** TypeScript, JavaScript, C/C++, Bash

**Engineering Practices:** System Design, UML, Clean Architecture, API Design, Performance Optimization

### Languages

**French:** Fluent   **English:** Fluent   **German:** Conversational