

ADIL TAHIRI

Full-Stack Developer

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[LinkedIn](#) · [GitHub](#) · [Portfolio](#)

PROFESSIONAL SUMMARY

Full-Stack Developer with 4+ years of experience building production-grade web applications. Currently at Qalqul, delivering real-time call-center supervision platforms, AI-powered chatbot systems, and end-to-end real estate management solutions. Proficient across the full stack — from Svelte and React frontends to NestJS and Laravel backends — with hands-on experience in Docker, WebSocket, REST APIs, and cloud integrations. Passionate about clean architecture, developer collaboration, and shipping products that make a real difference.

WORK EXPERIENCE

Full-Stack Developer | Qalqul

2023 – Present

Morocco · On-site

About Qalqul:

Qalqul is a technology company specializing in tailored call-centre solutions, AI-integrated chatbots (WhatsApp and other platforms), and business automation tools for enterprise clients.

Call-Centre Supervision Platform (Svelte · NestJS · WebSocket · Docker)

- ▶ Built a real-time supervisor dashboard using Svelte, enabling call-centre supervisors to monitor live agent–client interactions, track statuses, and review call metrics at a glance.
- ▶ Implemented bi-directional WebSocket communication so supervisors receive instant updates on call state, agent availability, and queue changes without page refresh.
- ▶ Developed RESTful APIs with NestJS to serve historical call data, agent performance reports, and session logs consumed by the dashboard.
- ▶ Containerised services with Docker to ensure consistent local development and smooth production deployments.

Real Estate Management System (NestJS · React · Full-Stack)

- ▶ Designed and developed a full-stack real estate platform allowing clients to browse property listings, reserve units, and complete payments — automatically marking properties as sold upon confirmed transactions.
- ▶ Built the backend with NestJS, implementing modules for property inventory, reservation workflows, payment processing integration, and status lifecycle management.
- ▶ Developed the client-facing frontend (React/Next.js), delivering an intuitive property search, detailed listing pages, and a streamlined checkout and reservation flow.
- ▶ Ensured data integrity across concurrent reservations by implementing transactional guards and real-time status updates.

AI Chatbot & Communication Integrations

- ▶ Contributed to the development of AI-powered chatbots deployed on WhatsApp and other messaging platforms, integrating with client CRMs and call-centre workflows.
- ▶ Worked with NestJS and third-party messaging APIs to build conversation flows and webhook handlers for automated client communication.

Software Engineer | 100Devs (Agency)

Jan 2022 – 2023

Remote

- ▶ Built semantically structured full-stack web applications for agency clients, collaborating in a team environment following best practices.
- ▶ Developed REST API-backed React applications using ES6+ syntax, Tailwind CSS, and modern tooling.
- ▶ Contributed to code reviews, testing, and responsive UI delivery across multiple client projects.

Freelance Full-Stack Developer | Self-employed

Jun 2020 – 2022

Remote

- ▶ Sami Food — Restaurant ordering & delivery site with table reservation, built with React, Tailwind, and Firebase.
- ▶ Amina Salon — Appointment booking and pricing site enabling clients to reserve without visiting in person.
- ▶ Special Tour — Adventure travel showcase site, responsive design with Bootstrap & jQuery.
- ▶ Pocket Process — Personal finance tracker (Node.js, MongoDB, OAuth) with visual spending breakdowns by day/week/month.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, PHP

Frontend: React, Next.js, Svelte, Tailwind CSS, Bootstrap, SASS

Backend: NestJS, Node.js, Express, Laravel, REST APIs, WebSocket (Socket.io)

Databases: PostgreSQL, MySQL, MongoDB, SQLite Prisma ORM

DevOps & Tools: Docker, Git, GitHub, Vite, Vercel, Firebase, Jest

Integrations: WhatsApp Business API, AI/LLM integrations, OAuth, payment gateways

EDUCATION

Université Cadi Ayyad

Marrakech, Morocco

2014 – 2018

LANGUAGES

Arabic — Native **English** — Professional Proficiency **French** — Conversational