

ADIL BELMQADEM

Full-Stack Developer · Frontend Specialist

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· Rabat, Morocco

SUMMARY

Full-stack developer with a strong frontend focus, graduated from 1337 Coding School — a highly selective, project-based engineering program part of the 42 Network. Proficient in React 19, Next.js, TypeScript, and Node.js, with rare depth in systems-level programming (custom HTTP/1.1 server, custom POSIX shell in C/C++). Experienced delivering complete products end-to-end, from responsive marketing sites to production-grade SaaS platforms. Seeking a frontend or full-stack role where clean UI and solid engineering go hand in hand.

EXPERIENCE

Software Developer Intern · **Hisia Space — UM6P · The Forge** Sep 2025 – Mar 2026 *Ben Guerir, Morocco*

React · TypeScript · Next.js · Tailwind CSS · Node.js · Docker

- Built the company's marketing website from scratch with Next.js static generation and performance budgeting, achieving sub-2s load times — directly supporting the product launch and investor-facing demos.
- Redesigned and improved 4 core platform screens (onboarding, dashboard, settings, booking flow) in React 19 + TypeScript, improving UI consistency and estimated drop-off rate by ~25% based on session recordings.
- Refactored client-side routing and component tree to eliminate redundant re-renders, reducing time-to-interactive by ~30% on mid-range mobile devices.
- Collaborated cross-functionally with the product and design team in a fast-paced startup environment, shipping features on weekly release cycles.

PROJECTS

Coworking Space Management Platform · **Freelance** Jun 2025 – Oct 2025 *Rabat, Morocco*

React 19 · TypeScript · Vite · Tailwind CSS · React Query · Framer Motion · Node.js · Express · PostgreSQL · Prisma · Redis · RabbitMQ · Docker

- Built a production-ready full-stack SaaS platform handling subscriptions, bookings, stock tracking, and real-time admin dashboards for a live coworking space.
- Frontend: React 19 + TypeScript with Vite, React Router DOM for client-side routing, React Query for server state, Framer Motion for animations, and Zod for runtime validation — fully type-safe end to end.
- Backend: Node.js + Express RESTful microservices, PostgreSQL per service via Prisma ORM, Redis 7 for caching and sessions, RabbitMQ 3 for inter-service messaging — sustaining 200+ concurrent sessions with <100ms API response times.
- Security: OAuth 2.0, 2FA, JWT, bcrypt, RBAC, Helmet headers, and Pino structured logging — zero reported security incidents since launch.
- Infrastructure: Fully containerised with Docker Compose (PostgreSQL 15, Redis 7, RabbitMQ 3), with environment-based config across dev and prod.

ft-transcendence · **1337 School Project** 2025

TypeScript · Vite · Custom JSX · Tailwind CSS · REST API · WebSocket · Docker

- Led frontend development of a real-time Pong SPA, implementing a custom JSX rendering engine with Vite + TypeScript — zero external UI framework dependencies.
- Integrated WebSockets for live gameplay, matchmaking, chat, and user presence supporting up to 50 simultaneous players with sub-50ms latency.

Inception · **1337 School Project** 2025

Docker · Docker Compose · NGINX · WordPress · MariaDB · Shell · Makefile

- Engineered a fully containerised infrastructure from scratch: NGINX (TLSv1.2/1.3 reverse proxy), WordPress (PHP-FPM), and MariaDB — each in a dedicated custom-built Docker image on Debian Bullseye.
- Authored WP-CLI automation scripts for zero-touch WordPress provisioning (admin user, editor role, DB config) via environment variables — no hardcoded secrets.
- Configured custom bridge networking and named bind-mount volumes for data persistence across restarts.

Webserv · **1337 School Project**

2025

C++ · HTTP/1.1 · Sockets · CGI · Networking

- Built a fully compliant HTTP/1.1 server from scratch supporting static/dynamic content, chunked transfers, file uploads, and CGI execution — comparable feature set to a minimal NGINX.

EDUCATION

Junior Developer · **1337 Coding School**

2023 – Present *Ben Guerir, Morocco*

Project-based engineering school, part of the 42 Network. No lectures, no teachers — 100% practical peer-to-peer learning.

Bachelor's in Economics & Management · **Mohammed V University**

2020 – 2023 *Rabat, Morocco*

TECHNICAL SKILLS

Languages	JavaScript · TypeScript · C · C++ · Python · Bash
Frontend	React 19 · Next.js · Vite · Tailwind CSS · React Query · Framer Motion · HTML/CSS
Backend	Node.js · Express · PostgreSQL · MySQL · MongoDB · Prisma · Redis · RabbitMQ
DevOps / Infra	Docker · Docker Compose · K3s · Azure · CI/CD · Shell scripting · Git
Systems	UNIX/Linux · HTTP/1.1 · TCP/IP · Sockets · Multi-threading · Memory management
Languages	English (advanced) · French (proficient) · Arabic (native)