

# ADIL BELMQADEM

Full-Stack Developer

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## SUMMARY

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Full-stack developer with 3 years of CS training at 1337 Coding School (42 Network), a highly selective, project-based engineering program. Proficient in React, Next.js, TypeScript, and Node.js, with depth in systems-level programming. Experienced delivering complete products end-to-end across diverse domains — agriculture, health, marketing, and gaming — through freelance engagements and an internship.

## EXPERIENCE

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**Software Developer Intern** | Hisia Space — UM6P / The Forge

Sep 2025 – Mar 2026

*React, Next.js, TypeScript, Three.js, Framer Motion, Tailwind CSS, Docker, Inngest*

- Built the company marketing website with React, Three.js (3D assets), and Framer Motion animations, deployed to Vercel with CI/CD.
- Rebuilt 4 core platform screens in Next.js; conducted full codebase audit covering frontend architecture and API contracts.
- Integrated Inngest for background job orchestration, decoupling long-running processes from the request lifecycle and improving platform reliability and responsiveness for end users.
- Conducted 10+ interviews with researchers, agricultural NGOs, and government agencies, generating insights that directly redefined the product's core value proposition.

## PROJECTS

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**Coworking Space Management Platform** | Freelance

Jun 2025 – Oct 2025

*React 19, TypeScript, Tailwind CSS, React Query, Node.js, Express, PostgreSQL, Prisma, Redis, RabbitMQ, Docker*

- Full-stack SaaS with subscriptions, bookings, stock tracking, and real-time admin dashboards; 200+ concurrent sessions at <100ms response times.
- Auth: OAuth 2.0, 2FA, JWT, bcrypt, RBAC. Infrastructure: Docker Compose, PostgreSQL 15, Redis 7, RabbitMQ 3.

**ft-transcendence** | 1337 School Project

2025

*TypeScript, Vite, Custom JSX, Tailwind CSS, WebSocket, REST API, Docker*

- Led frontend of a real-time Pong SPA with a custom JSX rendering engine (zero external UI frameworks), achieving sub-50ms latency across 500+ simultaneous players.
- Designed and integrated REST API endpoints covering user profiles, match history, leaderboards, and authentication for a 500+ player concurrent platform.

**Inception** | 1337 School Project

2025

*Docker, Docker Compose, NGINX, WordPress, MariaDB, Shell*

- Architected a fully containerized infrastructure (NGINX TLSv1.2/1.3, WordPress PHP-FPM, MariaDB) with zero-touch provisioning via WP-CLI and environment variables, reducing environment setup to a single command.

## EDUCATION

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**Junior Developer** | 1337 Coding School (42 Network)

2023 – Present | Ben Guerir, Morocco

Project-based engineering curriculum covering systems programming, full-stack web, graphics, and DevOps. Emphasis on peer code review, autonomy, and engineering depth.

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

2020 – 2023 | Rabat, Morocco

Completed a 3-year degree in Economics & Management. Interned at the Ministry of Fisheries and Maritime Affairs.

## TECHNICAL SKILLS

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

**Frontend:** React, React Native, Next.js, Tailwind CSS, React Query, Framer Motion, HTML/CSS

**Backend:** Node.js, Express, PostgreSQL, Supabase, MySQL, MongoDB, Prisma, Redis, RabbitMQ, FastAPI

**DevOps:** Docker, Docker Compose, K3s, Azure, CI/CD, Vercel, Git

**Systems:** UNIX/Linux, HTTP/1.1, TCP/IP, Sockets, Multi-threading, Memory Management

**Languages:** English (Proficient), French (Proficient), Arabic (Native)