

Mouad El Mekaoui

Software Engineer — Full-stack (React, Next.js, Node.js, TypeScript)

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Summary

Software engineer at 1337 UM6P. Full-stack: React/Next.js/TypeScript on the front; Node.js/Python backends; REST APIs; PostgreSQL/Supabase; AWS. Experience in building modern, responsive, performant web apps. Previously two years of video production experience; strong eye for UX and motion.

Technical Skills

Frontend: React, Next.js, Tailwind CSS, Framer Motion

Backend: Node.js, Fastify, Flask, REST APIs

Database & Cloud: PostgreSQL, Supabase, AWS (S3, EC2)

Programming: TypeScript/JavaScript, Python, C/C++, HTML/CSS

Tools: Git, Docker, GitHub Actions

Experience

Parcado — Fullstack Developer Jun – Oct 2025

- Built complete driver management and analytics platform with real-time features for fleet operations.
- Stack: Next.js 15, React 19, TypeScript, Convex (real-time backend), Clerk auth, Tailwind CSS.
- Delivered driver registration system, conversion funnel analytics, Yango API integration, operator dashboard with presence tracking, and automated data synchronization.

Dots Agency — Frontend Developer 2025

- Developed a modern, responsive agency website with smooth micro-interactions and clean UX.
- Implemented with React, Next.js, Tailwind CSS.

Draftsight — Fullstack Developer 2025

- Built an image-based system that detects ship draft levels from photos; designed UI and API end-to-end.
- Stack: TypeScript, React, Python (Flask), AWS (S3/EC2), PostgreSQL/ Supabase; RESTful integration and deployment.

Video Content Producer — Various Companies Mar 2021 – Feb 2024

- UNUSUAL (Mar 2023 – Feb 2024): Produced content for Moroccan government social media channels.
- HESPRESS (Nov 2022 – Feb 2023): Produced ads for multiple brands.
- HESPRESS (May 2021 – Apr 2022): Part-time colorist alongside studies.

Education

1337 UM6P Benguerir, Software Architecture Program Oct 2023 – Present

- Fundamentals: C/C++ programming; algorithms and data structures.
- Unix/Linux: shell, processes, networking, concurrency, memory.

Higher Institute of Audiovisual and Cinema Professions (ISMAC Rabat) 2019 – 2022

- Bachelor in Video Production. Final thesis on Real-time rendering in Unreal Engine.

Awards & Leadership

- First place — Attajira Startup Game.
- First place — XAD Hackathon (2024). Optimized xad library for speed and memory efficiency using C++ and performance tooling.
- President — LEETSPEAK Podcast club (1337 UM6P).