

MOHAMED TAAOUACH

FULL STACK SOFTWARE ENGINEER

CONTACT

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EDUCATION

- 2024 - Present
- Self-Taught Engineering
- Focus: Next.js Ecosystem & Cloud Architecture.
- Methodology: Project-Based Learning & Meta-Learning.

SKILLS

- Frontend: React 19, Next.js 15 (App Router), Tailwind CSS v4, Shadcn/UI.
- Backend: Node.js, Hono.js, Server Actions, API Integration.
- Database: PostgreSQL (Neon), Drizzle ORM, Prisma.
- DevOps: Vercel CI/CD, Git, Docker Basics.
- Tools: TypeScript (Strict), Zod, Clerk Auth, AI Integration (Vercel SDK).

PROFILE

PRODUCT ENGINEER

Results-driven Full Stack Engineer specializing in building high-performance SaaS applications using the modern React ecosystem (Next.js 15, Server Actions). I bridge the gap between complex backend logic and smooth user experiences. Passionate about shipping products that solve real business problems, from database architecture to production deployment.

WORK EXPERIENCE

Freelance Product Engineer

- Role: Lead Full Stack Engineer
- Company: Freelance / Self-Employed
- Date: 2024 - Present

Description

- Architected and deployed production-ready SaaS solutions (e.g., Stadium Pro) handling real-time bookings and complex scheduling logic.
- Designed scalable relational database schemas using Drizzle ORM and PostgreSQL (Neon), ensuring data integrity and type safety.
- Implemented secure authentication flows (Clerk) and role-based access control for multi-tenant applications.
- Optimized web performance using Next.js caching strategies (unstable_cache), achieving instant page loads.
- Integrated 3rd-party services like WhatsApp automation for business notifications without expensive APIs.

KEY PROJECTS

STADIUM PRO

Booking Management System

A complete platform for sports facility management features an admin dashboard, revenue tracking charts (Recharts), and mobile-first booking interface

- Tech: Next.js 15, Neon, Zod, Tailwind.

INVOICELY (SaaS)

Financial Platform

Multi-tenant invoicing tool allowing businesses to generate custom PDF invoices and manage client data securely.

- Tech: Server Actions, TypeScript, Clerk.