



AW Abdelilah Wajid

PRODUCT ENGINEER — BUILDING SYSTEMS THAT SURVIVE REAL CONSTRAINTS



SCAN FOR PORTFOLIO

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TECHNICAL SKILLS

LANGUAGES

JavaScript TypeScript

FRONTEND

React Next.js Tailwind CSS

Styled Comp. Framer Motion

BACKEND

Node.js Express REST API

JWT Zod

DATABASES

MongoDB Mongoose PostgreSQL

Prisma

TESTING & TOOLS

Jest Vitest Supertest Git

Postman

ARCHITECTURE

Layered Arch. MVC RESTful

Clean Code

LANGUAGES

Arabic Native

French Professional

English Professional

EDUCATION

Self-Taught Developer

Focused on real-world engineering practices, system design, and building maintainable business applications end to end.

PROFESSIONAL SUMMARY

Product Engineer building systems that survive real constraints. I build systems from real operational problems — inventory, pricing, reporting, and internal tools — focusing on clarity, reliability, and long-term evolution. My work starts with diagnosis: what breaks, what is duplicated, where data loses meaning, and which decisions should become system rules. This portfolio shows how I think in public — through case studies, trade-offs, and implementation details — not just finished interfaces.

PROJECTS

Electro Abidin eSystem

2025 · DEPLOYED

[Case Study](#) *Private repo — demo on request*

Full retail operations system replacing manual stock checks, paper tracking, and slow checkout for a real electronics store.

- Built FIFO batch costing for accurate profit reporting based on real purchase prices
- Connected stock visibility directly to checkout — sales staff verify availability in real time
- Separated workflow state from financial truth via dual-write pattern (Sale + SalesTransactionItem)
- Delivered invoicing (FACTURE / BON DE VENTE), VAT handling, returns, and warranty tracking

Next.js React JavaScript MongoDB Mongoose Styled Comp. Zod JWT Jest

Elmoussaif Abdelghafour Brand

2025 · PRODUCTION

[Case Study](#) *Client-owned repo*

Personal brand website built and delivered for a client — live in production. Full ownership of architecture, CMS, authentication, and deployment.

- Designed CMS with drag-and-drop ordering, image optimization (Cloudinary + Sharp), and admin dashboard
- Built JWT + bcrypt authentication with role-based access control
- Implemented multilingual content management and structured SEO metadata for discoverability

Next.js 16 TypeScript MongoDB Tailwind 4 Framer Motion Cloudinary Zod

MediTrans Core

2025 · IN DEVELOPMENT

[GitHub](#)

SaaS platform for medical transport and home care operations in Morocco. Phase 1 foundations complete, active development.

- Designed modular architecture with service, repository, and schema boundaries per domain
- Built deterministic 7-step pricing engine with immutable snapshot persistence
- Vitest test coverage for pricing, invoicing, and payment modules

Next.js 14 TypeScript PostgreSQL Prisma 5 Zod NextAuth Vitest