

Abdenmour Darkaoui

abd@darkaoui.org | +212 708132603

GitHub: <https://github.com/7abd> | Portfolio: <https://darkaoui.org>

Based in Morocco — available for remote work

Frontend Engineer

Frontend engineer focused on building structured and secure web applications. I work primarily with React and modern JavaScript, with experience integrating backend services and implementing client-side encryption using browser APIs.

I build projects from scratch to understand systems beyond the surface, with an emphasis on clean architecture, clear data flow, and maintainable code. I manage projects independently from planning to deployment.

Technical Skills

Frontend: React, Next.js, JavaScript (ES6+), TypeScript, HTML, CSS, Tailwind CSS

Backend Integration: Supabase, Node.js, Express, REST APIs, Authentication

Tools: Git, GitHub, Vercel, Netlify, VS Code

Projects

VaultApp — Client-Side Encrypted Vault

- Implemented client-side encryption using Web Crypto API (AES-GCM, PBKDF2)
- Designed a zero-knowledge approach where the server never accesses plaintext data
- Built secure unlock flow with key derived from user password
- Implemented password change migration with safe re-encryption of stored data
- Added auto-lock system to clear keys from memory after inactivity

Amazon Clone — E-commerce Web Application

- Implemented product browsing, cart management, authentication, and checkout flow
- Built modular architecture with reusable components
- Integrated Supabase for authentication and product data
- Managed global state using Context API
- Deployed using Vercel

Education

Bachelor of Economics

University Dhar el-Mehraz — Fes, Morocco

Focus on quantitative analysis and systematic problem solving.

Web Development Program — Scrimba (Online)

100+ hours of project-based software engineering training.

Languages

English, Arabic, French — Professional working proficiency