ABD ELDJALLIL MESKALI

Full-Stack Developer | Web, Mobile and Desktop

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PROFESSIONAL SUMMARY

Full-stack developer who ships complete products rather than individual screens. Over the past two years I have taken a healthcare platform, a desktop invoicing product and more than a dozen client websites from empty repository to paying users, owning the schema, REST API, admin portal, interface and deployment. Comfortable as the sole engineer on a product, including payment gateway integration and production infrastructure. Strongest in TypeScript, React, Node.js and Express, with production work in React Native, Electron and Swift.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Swift, Python, Java, C, SQL

Frontend: React 19, Next.js, Vite, TanStack Query, Redux Toolkit, Zustand, Tailwind CSS, shadcn/ui, GSAP, React Hook Form, Zod, i18n and RTL

Backend: Node.js, Express, REST API design, JWT and OAuth, WebSockets, background workers, payment gateways (SATIM), MongoDB, PostgreSQL, SQLite, Drizzle ORM, Prisma, Supabase

Mobile and Desktop: React Native, Expo, NativeWind, Electron, offline-first local databases, SwiftUI and native macOS menu bar applications

Infrastructure and Tools: Docker, nginx, VPS administration, Vercel, CI/CD, Git, Figma, Agile and Scrum, Jira, Postman, Vitest, Jest

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Developer
February 2026 to Present

Self-employed, Constantine, Algeria

- Sole developer on a healthcare-at-home platform currently live in production, and on a desktop inventory and invoicing product used daily by Algerian wholesale businesses.
- Delivered more than 12 client products end to end, from restaurant digital menus to a travel agency and a medical clinic website, owning every stage a larger team would divide between specialists: Figma design, frontend architecture, REST API and database design, payment integration, VPS deployment and post-launch support.

Web Development Instructor
November 2025 to April 2026

BREINRX

- Taught practical web development from HTML, CSS and JavaScript fundamentals through React, Next.js, backend integration, databases and testing.
- Ran project-based cohorts and authored workshops on Git, Next.js, Express and GSAP, mentoring learners through to production.

Development Lead
November 2025 to April 2026

Google Developer Group (GDG) Constantine

- Led the development track for the chapter, scoping, planning and shipping the official platforms for DevFest Constantine 2025, Skill Forge Winter and Build with AI, while coordinating contributors across frontend, backend and UI/UX as the technical point of contact.

Frontend Developer
December 2024 to November 2025

Freelance and team projects. Production React frontends for e-commerce, booking and catalogue applications, converting Figma designs into responsive interfaces.

EDUCATION AND LANGUAGES

Licence Degree in Computer Science
University of Constantine, Algeria

Arabic: native | English: professional working proficiency | French: intermediate

SELECTED PROJECTS

Flux Stock

December 2025 to Present

Offline-first inventory and invoicing product. Sole developer.

Stack: TypeScript, React, Electron, SQLite, Drizzle ORM, Tailwind CSS

- Commercial desktop product for Algerian wholesale businesses, featuring automatic VAT and stamp duty calculation, stock level alerts, customer receivables, category pricing and printable invoices, behind a trilingual Arabic-first right-to-left interface built for non-technical shop staff.
- Built fully offline-first and shipped as a complete product across more than 280 commits: signed installers with an auto-update manifest, a USB offline installation path, a marketing website and an internal dashboard for tracking licences.

Product site: flux-stock.idocode.dev

Tahalile

May 2026 to July 2026

Healthcare-at-home platform, live in production. Sole full-stack engineer.

Stack: Node.js, Express, TypeScript, MongoDB, React 19, Docker, nginx

- Built a single REST API serving both a patient mobile application and the administrative portal the operations team runs the business from, covering at-home laboratory tests, nursing care and doctor home consultations.
- Integrated SATIM bank card payments and diagnosed a production-only failure by comparing the gateway documentation against its SDK, then verified the fix with a live charge.
- Made payment confirmation independent of the browser redirect, with a reconciliation worker sweeping pending transactions and a transactional outbox retrying failed push notifications.
- Delivered an operations console with a wait-time action queue, revenue analytics, an order state machine and an editable catalogue, Arabic-first and right-to-left throughout.

Case study: djalilmsk.dev/projects/tahalile

Codex Bar

July 2026

Native macOS menu bar application. Sole developer.

Stack: Swift, SwiftUI, macOS. Live session monitoring for a developer CLI tool, showing active model, reasoning effort and elapsed time, with deep links into a conversation and smart notifications with configurable quiet hours. Product site: codex-bar.idocode.dev

Client Web Projects

February 2026 to July 2026

Digital menus and business websites. Freelance developer.

Stack: Next.js, React, TypeScript, Tailwind CSS, shadcn/ui. Designed, built and deployed five restaurant digital menu websites, a travel agency website, a cleaning service website and a medical clinic landing page, each for a paying client.

ADDITIONAL PROJECTS

- **GDG Constantine event platforms** (Nov 2025 to Apr 2026): official DevFest Constantine 2025 site with speakers, schedules and registration, plus a private organiser dashboard, the Skill Forge Winter registration platform and the Build with AI site.
- **Fast Food Mobile App** (Oct 2025 to Feb 2026): Expo ordering application plus the Express and MongoDB backend behind it.
- **Room Reservation System** (Mar to May 2025): booking progressive web app with WebSocket notifications, email templates and three role-based dashboards.
- **E-Commerce Platform** (Aug to Oct 2025): frontend lead on instant checkout, analytics dashboards and multi-worker order processing.
- **RECAP Academy** (2026): Figma brand launch campaign for a medical masterclass. Case study: djalilmsk.dev/projects/recap
- **InboxAI** (Jul 2025): AI email organiser built in under 48 hours for the DevForDev Hackathon, using LangChain, the Gemini API and OAuth. Also shipped calc.djalilmsk.dev, Cirta Guide, and oglaptop.store.

Full portfolio with live demonstrations and written case studies: djalilmsk.dev/projects | github.com/djalilmsk