HAZEM GHANNEM

Full-Stack Web & Mobile Software Engineer · React / Next.js / Node.js / React Native

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 3+ years of production experience building web and mobile products on React, Next.js, TypeScript, and Node.js. Shipped and owned features end-to-end — from architecture through deployment — across real-time web dashboards, REST/WebSocket backends, and React Native mobile apps used in production. Currently deepening real-time, collaborative-system expertise while building CollabBoard, a live multi-user Kanban platform. Looking for a Full-Stack or Frontend Engineering role in Europe to bring this specialization to a modern JavaScript/TypeScript team.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, Redux / Redux Toolkit, Tailwind CSS

Backend: Node.js, Express, REST APIs, WebSockets (Socket.IO), JWT / OAuth Authentication, MongoDB, PostgreSQL, Redis

Mobile: React Native, Expo, Firebase (Auth, Cloud Messaging, Cloud Functions)

DevOps & Testing: Docker, CI/CD (GitHub Actions), Git, Jest, Playwright

PROFESSIONAL EXPERIENCE

Full-Stack Developer — Tekmafor · Tunisia (Hybrid) *Feb 2025 – Aug 2025*

- Architected and delivered a production ride-hailing platform end-to-end: a React Native app for riders and drivers, a React.js admin dashboard, and a marketing site — the company's core customer-facing product.
- Built the Node.js/Express backend integrated with Firebase, powering authentication and live geolocation tracking through serverless cloud functions.
- Implemented real-time driver tracking over WebSockets alongside role-based access control (owner / admin / driver) and the commission and payout logic underpinning the platform's revenue flow.
- Owned the Android release pipeline end-to-end — build, QA, and Play Store submission — shipping production releases with zero rollback incidents.

Software Engineer — Frontend — Sparkling.co · London, UK (Remote) *Jan 2024 – Feb 2025*

- Led frontend development for two production products (AcePoint, Glance) using Next.js and Tailwind CSS, delivering real-time UIs backed by Firebase authentication and live data sync.
- Built and maintained Jest and Playwright test suites and ran Lighthouse audits to drive measurable performance and accessibility improvements across both products.
- Set up CI/CD pipelines and Docker-based workflows that streamlined APK deployment, and shipped real-time chat and push notifications via Firebase Cloud Messaging.
- Acted as frontend lead through Scrum ceremonies, coordinating with backend engineers on API contracts to keep the two products delivering on schedule.

Freelance Full-Stack Developer — Coaching Platform (Léopoldine Almeida) · Remote *2026*

- Built a full-stack coaching website (Next.js) for a freelance client, including session booking and scheduling, integrated payments, and a contact form.
- Implemented multi-language support and integrated PostHog analytics to track usage and inform the client's product decisions.

SELECTED PROJECTS

CollabBoard — Real-Time Collaborative Kanban Board

- Building a production-grade real-time Kanban application with Next.js 15 (App Router), Redux Toolkit, TanStack Query, and a Socket.IO/Express/MongoDB backend.
- Implemented drag-and-drop boards (@dnd-kit), role-based membership (owner / editor / viewer), and AES-256-GCM encrypted invite codes for secure board sharing.
- Designed the Mongoose data layer with paginated, role-scoped queries and resolved SSR/hydration issues to ship a production-quality Next.js + Redux integration.

EDUCATION

Software Engineer — ESPRIT, Tunisia *2021 – 2024*

Diploma in Network & Telecommunications — ISSAT Mateur, Tunisia *2018 – 2021*

LANGUAGES

English (Professional) · French (Professional) · Arabic (Native)