

Senior Full Stack Engineer | Applied AI & Software Architecture



EXPERIENCE

PHILOSOPHY

KEY ACHIEVEMENTS

TECHNICAL SKILLS

React Native Expo In-app purchases WebRTC

Freelance | React Native Developer & AI Integration

CoachFit / FitIn | Fitness Coaching App (Mobile B2C, Upwork)

May 2025 – July 2026

Remote

- Delivered the **complete MVP** in React Native (Expo) with a **RAG pipeline** (OpenAI API + Supabase / pgvector) that grounds coach answers in the app's own content.
- Built **Supabase Edge Functions** for authentication, subscriptions and real-time chat; added **Freemium monetization** (Stripe, native in-app purchases, AdMob).
- Integrated **WebRTC** live coaching and **TTS** voice-guided workouts; re-designed the UI as an atomic design system with dark/light themes.

Stack: React Native, Expo, Supabase, OpenAI (RAG), WebRTC, Stripe

Team: solo engineer, reporting to 3 co-founders • Case study: work/fitin

Freelance | Full Stack Developer (IAM & API Integration)

Kreatek Team | PropTech / TravelTech Hotel Booking Platform (24resa)

January 2024 – May 2025

Tunis, TN

- Designed a **granular RBAC system** at module and button level across 3 core modules of a multi-tenant booking platform.
- Led the **Ant Design to Tailwind CSS migration** with an atomic design system, reducing long-term maintenance.
- Integrated the **Travelgate API** and **Cyberesa PMS** (bookings, payments, PMS sync); delivered the **B2C booking engine** (FR/EN), the B2B affiliate portal and an XML-OUT API for OTA inventory distribution.

Stack: Next.js, TypeScript, Tailwind, RBAC, MySQL, Redis

Team: embedded in Kreatek's dev team • Case study: work/kreatek

Full Stack Software Engineer | Full-time

Tech-Expert (mindquest.io) | HRTech / AI-Powered ATS

October 2023 – February 2025

Tunis, TN

- Resolved **180+ security vulnerabilities** (SonarQube) and raised test coverage by **45%**; platform bug density fell by 35% and it reached an **A Security Rating**.
- Cut page load from **2.9 s to 1.3 s** (55%) through a Next.js SSR migration, code splitting and lazy loading; implemented 5+ microfrontend modules.
- Shipped **6 major features in 4 months** at a 95% sprint success rate; wrote best-practice guides and mentored **7 junior developers**.
- Adopted **AI-assisted engineering** (Cursor, Claude) to prototype and refactor faster without lowering review standards, and documented the workflow for teammates.

Stack: Next.js, Node.js, GraphQL, Kafka, Jest, Cypress, SonarQube, Azure AKS

Team: cross-functional product team led by a Tech Lead • Case study: work/mindquest

Full Stack MERN Developer | Full-time

Digicross | SaaS B2B / EdTech / E-Commerce

January 2021 – October 2023

Tunis, TN

- Built web and mobile applications (React, React Native) and secure REST APIs (authentication, notifications, real-time chat) used daily in production.
- Designed a shared **GitLab CI + Expo pipeline** that automated testing and iOS / Android releases.
- Took on growing responsibility on **Qramer** (EdTech marketplace): contributed to architecture decisions and team coordination; the platform reached 3,000+ students in 6 months (platform result).

Stack: React, React Native, NestJS, MongoDB, PostgreSQL, GitLab CI

Team: 5 full-stack developers + 1 Project Manager • Case study: work/digicross

AI & LLM integration

Claude & OpenAI APIs

Tool calling

MCP

RAG

Structured outputs

Human-in-the-loop

Ollama

LangChain

Data

PostgreSQL

MongoDB

Redis

Supabase

MySQL

Testing, quality & CI/CD

Jest

Cypress

Playwright

SonarQube

GitHub Actions

GitLab CI

Architecture & practices

Clean / hexagonal

Event-driven

Design systems

Code review & mentoring

Cloud & infrastructure (working knowledge)

Docker

Nginx

Azure AKS

AWS S3

LANGUAGES

Arabic (Native)

French (Fluent)

English (TOEIC 855)

EDUCATION

Telecommunications Engineer

Higher School of Communications of Tunis (Sup'Com)

Sep 2018 – Oct 2021 Tunis, TN

Preparatory Studies Diploma (DE-UPC)

IEPIN – Engineering Preparatory School

Sep 2016 – Jun 2018 Nabeul, TN

National Rank: 9 / 740

OPEN TO

Senior Roles in Europe or Canada

France, Germany, the Netherlands, the UK or Canada. Currently employed (CDI) at IntiGo; open to the right opportunity.

CERTIFICATIONS

- 🔗 Advanced Google Analytics
- 🔗 Clean Coding & Refactoring
- 🔗 React Native Series
- 🔗 The Complete Node.js Course
- 🔗 Mastering React
- 🔗 The Ultimate Docker Course