

Ferhat Mohamed Tahar

Full Stack Engineer

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SUMMARY

Full-Stack Engineer with 2+ years of experience designing and developing scalable, production-grade web applications and real-time platforms. Expertise includes TypeScript, Next.js, React.js, Node.js, and Nest.js, with an emphasis on clean API design, reliable systems, and end-to-end feature ownership.

PROFESSIONAL EXPERIENCE

Full Stack Engineer

Dec 2025 – Present

iPractis

Remote

- Architected a Next.js/TypeScript tutoring marketplace from empty repo to production, owning the REST API surface across authentication, RBAC, booking, and a real-time lesson engine.
- Replaced the third-party Google Meet integration with an in-house LiveKit (WebRTC) video classroom, bringing session lifecycle, room tokens, and join permissions directly under platform control.
- Protected marketplace revenue against payout fraud by building an append-only ledger with automated 14-day holds and admin kill-switches across Stripe, Wise, and PayPal.
- Instrumented full-stack observability with Sentry, BetterStack, and PostHog, surfacing production errors and drop-off before users reported them; shipped GDPR-compliant via Google Consent Mode v2.
- Built a React.js super-admin dashboard giving non-technical staff direct control over refunds, user issues, and system-health checks, taking day-to-day operations off the engineering escalation path.

Full Stack Engineer

Sep 2024 – Sep 2025

Omed

Remote

- Led end-to-end REST API design and implementation for a Nest.js order and product management service, integrating Meta APIs for customer chat and automated order workflows.
- Rebuilt 20+ responsive screens on Next.js server-side rendering and TypeScript, lifting Lighthouse performance from 48 to 91 and cutting load times on low-bandwidth mobile traffic.
- Streamed AI-generated support replies to the frontend over Server-Sent Events (SSE), replacing wait-for-full-response delay with token-by-token output and automating tier-1 support.
- Shipped a React.js/TypeScript and Express.js lab reservation system for Ammar Telidji University, cutting scheduling conflicts for 100+ students across 2 departments.

PROJECTS

Inlumia | Next.js, TypeScript, Supabase, Bunny CDN | [Live Demo](#) | [GitHub](#) | Freelance Contract

May – Jul 2025

- Delivered a full-stack e-learning platform on Next.js and Supabase, implementing role-based access control (RBAC) to isolate dashboards and permissions across 150+ students and 25+ instructors.
- Engineered course video uploads and playlist management for 400+ assets via Bunny CDN edge storage, keeping page load times fast and decoupled from course library growth.

Rihanna. | Next.js, TypeScript, Supabase | [Live Demo](#) | Freelance Contract

Sep – Nov 2025

- Shipped a production e-commerce storefront for an Algerian fashion brand with multi-variant inventory (size/color), dynamic discounts, and real-time filtering, now live and serving customers.
- Built an end-to-end admin dashboard to manage orders, product catalog, dynamic pricing, and sales analytics, protected by API rate-limiting.

Dalilk | Next.js, TypeScript, Prisma, Mapbox, Turborepo | [Case Study](#) | Freelance Contract

Aug – Oct 2026

- Architected a hyperlocal two-sided directory platform for local stores and freelance drivers across Algeria's 69 wilayas, featuring Mapbox geospatial search and circuit-breaker fallbacks.
- Engineered privacy-first visitor analytics (keyed hashing, zero raw IPs) and an isolated admin console with automated PDF analytics delivered via secure Telegram Bot webhooks.

Antra | TypeScript, AST, Static Analysis, Next.js | [Live Demo](#) | [GitHub](#) | Open Source

Sep – Oct 2026

- Created an open-source static analysis CLI and documentation landing site that detects confidential database fields, API tokens, and server secrets leaking into client-side Next.js bundles.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL, Python, Bash, HTML/CSS

Frontend: React.js, Next.js, TanStack Query, Zustand, Tailwind CSS, Web Design

Backend: Node.js, Express.js, Nest.js, Prisma, TypeORM, REST APIs, WebSockets

Database & Messaging: PostgreSQL, MongoDB, Supabase, Redis, RabbitMQ

Testing: Jest, Vitest, React Testing Library

Tools & DevOps: Git, Docker, AWS, CI/CD, Swagger, Figma, Vercel, Linux

EDUCATION

Ammar Telidji University

Master's in Computer Science, Cyber Security

Laghouat, Algeria

Sep 2022 – Jun 2027 (Expected)