

Ayoub TAOUFIK

Full-Stack Software Engineer

TypeScript/Node.js • provider integrations • transactional systems

Open to remote roles worldwide • engagement via EOR or contractor

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Profile

Full-stack engineer who ships complete, revenue-carrying product lines — data model and third-party provider integrations through payment, queued fulfilment, customer communication, and the internal tooling operations teams run on. Technical lead on a travel-commerce platform, where I own three commercial verticals and led the AI support assistant now running in production; before that, co-built HelloLeo's tool and MCP integration layer and its system-prompt evaluation pipelines. Cofounder of Clinavi, a medical-practice platform in pilot with Moroccan doctors. TypeScript across React/Next.js, Node.js services, PostgreSQL and Redis/BullMQ workers, with Python/FastAPI and PHP alongside.

Core Technologies

Languages	TypeScript, JavaScript, Python, PHP, SQL
Frontend	React, Next.js, Vue.js, Tailwind CSS, Redux, React Native, Expo
Backend & APIs	Node.js, NestJS, Express, tRPC, FastAPI, AdonisJS, Symfony, Laravel, Strapi, REST APIs, webhooks, third-party integrations
Data & Infra	PostgreSQL, Prisma, MySQL, MongoDB, Elasticsearch, Redis, BullMQ, Docker, CI/CD, Sentry, Nginx, Linux
AI in production	LLM-provider integrations, MCP servers, tool calling, system-prompt A/B testing, evaluation pipelines, guardrails

Experience

Aug 2025 – Present **Freelance Full-Stack Engineer & Technical Lead** | *Safawell* | Travel commerce • Remote

Part-time alongside Terros to Mar 2026; full-time freelance since Apr 2026

- Lead the client roadmap and technical meetings, author design specs ahead of implementation, and review and approve delivery work across the team.
- Own three revenue-carrying verticals end to end — Omra packages, airport transfers, and a standalone eSIM store — each spanning data model, provider integration, authoritative pricing, payment, queued provider booking, PDF vouchers, customer email, and admin operations tooling.
- Led the AI customer-support and reservation assistant now running in production: set the technical direction, paired with and mentored a second engineer through the build, and reviewed the work she shipped independently.
- Build provider adapters over mismatched REST (HotelBeds) and XML (Restel) APIs behind one normalized listing model, plus a cross-provider room-matching and deduplication algorithm; add bounded fan-out, retries, and recoverable paths for provider timeouts and expired rates.
- Harden the money path: idempotent payment-webhook handling across all three verticals, provider order references persisted before polling so a retry cannot double-charge, atomic confirmation claims, and certification-readiness work for the HotelBeds transfers integration.
- Roll out Sentry across web, tRPC, REST routes, cron and BullMQ workers with retry-exhaustion-gated alerting and a no-PII logging standard; own Docker deployment, the release pipeline, and delivery across eight locales including Arabic RTL.

May 2026 – Present **Cofounder & Full-Stack Engineer** | *Clinavi* | Health tech • Remote

- Cofounded and built a Next.js/TypeScript and PostgreSQL platform for Moroccan medical practices, shaped through structured doctor interviews and active pilot feedback.
- Work across architecture, backend and frontend engineering, product decisions, and infrastructure and deployment in a small founding team.
- Implemented the platform's security controls — tenant isolation, role-based access, encrypted transport and secrets handling, audit logging, and backup and recovery — validated through security review and testing.
- Contributed with the team to an intelligent WhatsApp assistant and to localized workflows spanning patient records, SOAP/CIM-10 consultations, prescriptions, scheduling, Moroccan AMO billing, and specialty clinical modules.

Experience (continued)

- Dec 2023 – Mar 2026

Full-Stack Web Developer | *Terros* | Casablanca

 - Built and evolved restaurant, workspace, booking, and operational-management products in React, Next.js, Vue.js, TypeScript, Node.js, AdonisJS, NestJS, Express, and Strapi.
 - Implemented API contracts and integrations for DocuSign, Pennylane, Stripe, and banking systems, and built multi-company authentication and authorization with SAML and other SSO mechanisms.
 - Optimized PostgreSQL queries for financial calculations and export workloads, and applied idempotency and consistency patterns to high-throughput ordering workflows.
 - Wired Sentry and Slack into production observability and incident-diagnosis workflows; delivered React Native/Expo operational applications and modernized legacy systems in production.
- HelloLeo** | AI-native ERP-connected application platform | helloleo.dev

 - Co-built the product with the team from initial development, building the human-facing layer over its tool connections and integrations — MCP servers, business-system connectors, and multiple LLM-provider integrations — so AI capability could be wired to real ERP data and workflows.
 - Built the evaluation and testing pipelines, including A/B testing of system prompts, plus guardrails for AI-enabled workflows, and worked across the deployment pipelines that publish generated applications through isolated staging to production.

Earlier Experience

- Sep 2023 – Dec 2023

Web Developer | *OHM Energies* | Casablanca

 - Built React/Next.js frontends against PHP backend services in Symfony and Laravel, exposed through documented RESTful APIs.
 - Introduced Docker-based workflows to keep development and deployment environments consistent.
- Feb 2023 – Jun 2023

Full-Stack Web Developer | *Apside Maroc* | Casablanca

 - Developed a team-management and deliverable-automation platform on a MERN architecture.
 - Implemented Docker Compose deployment workflows, Linux shell automation, documented APIs, and unit tests in a Scrum team.

Selected Project

- 2024

AI-Powered Recruitment Management Platform | *Freelance*

 - Built candidate and recruiter workflows covering CV management, job matching, application tracking, interview scheduling, and analytics.
 - Integrated LLM-assisted profile and CV capabilities with multi-source job-data synchronization. **Stack:** Vue.js, NestJS, TypeScript, OpenAI API, Elasticsearch, Redis, MongoDB, Docker.

Education

- 2020 – 2023

Diplôme d’Ingénieur d’État, Mechatronics Engineering | *ENSAM Casablanca*
- 2018 – 2020

Integrated Preparatory Cycle, Mathematics & Physics | *ENSAM Casablanca*

Languages

English — Full professional proficiency

French — Full professional proficiency

Arabic — Native