

Ayoub Taoufik

Complex product workflows, transactional systems, and AI-enabled delivery.

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Full-stack engineer delivering customer-facing products and the systems behind them: provider integrations, payments, queued fulfilment, operational tooling, observability, and AI-enabled workflows. Technical lead on a travel-commerce platform and cofounder of Clinavi, a medical-practice product in pilot. I work primarily in TypeScript across React/Next.js, Node.js, PostgreSQL, and Redis/BullMQ, with Python/FastAPI and PHP where they fit the product.

TECHNICAL RANGE **Tools by the work they support**

Product, backend & integrations — TypeScript, JavaScript, React, Next.js, Vue.js, React Native, Expo, Node.js, NestJS, Express, tRPC, FastAPI, AdonisJS, Symfony, Laravel, Strapi, REST APIs, webhooks, third-party integrations

Data, delivery & operations — PostgreSQL, Prisma, MySQL, MongoDB, Elasticsearch, Redis, BullMQ, Docker, CI/CD, Sentry, Nginx, Linux

AI product engineering — LLM-provider integrations, MCP servers, tool calling, system-prompt A/B testing, evaluation pipelines, guardrails

EXPERIENCE **Current product and technical work**

Aug 2025 – Present **Freelance Full-Stack Engineer & Technical Lead**

Travel commerce · Remote · Part-time alongside Terros to Mar 2026; full-time freelance since Apr 2026

- Lead the client roadmap and technical meetings, write design specifications ahead of implementation, and review delivery work across the team.
- Own three revenue-carrying verticals end to end—Omra packages, airport transfers, and a standalone eSIM store—spanning data model, provider integration, pricing, payment, queued booking, vouchers, customer email, and admin operations tooling.
- Contributed hands-on to a production AI customer-support and reservation assistant with a second engineer, working across implementation, technical direction, pairing, and delivery review. This was team work, not a sole-authorship claim.
- Build REST and XML provider adapters behind a normalized listing model, with cross-provider room matching and deduplication, bounded fan-out, retries, and recoverable handling for timeouts and expired rates; harden the money path with idempotent payment webhooks, persisted provider references, atomic confirmation claims, queued fulfilment, Sentry coverage, no-PII logging, Docker deployment, and release work 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, infrastructure, and deployment in a small founding team.
 - Implemented tenant isolation, role-based access, encrypted transport and secrets handling, audit logging, backup and recovery, security review, and testing; contributed with the team to an intelligent WhatsApp assistant and localized practice workflows.
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EXPERIENCE

Product systems and AI engineering

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; built multi-company authentication and authorization with SAML and other SSO mechanisms.
- Optimized PostgreSQL queries for financial calculations and export workloads; applied idempotency and consistency patterns to high-throughput ordering workflows; wired Sentry and Slack into production observability and incident diagnosis.

HelloLeo · AI-native ERP-connected application platform

Co-built the human-facing layer around tools and integrations—MCP servers, business-system connectors, and multiple LLM providers—so AI capability could connect to ERP data and workflows. Built evaluation and testing pipelines, including system-prompt A/B testing, guardrails for AI-enabled workflows, and contributed to deployment pipelines for generated applications.

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 for consistent development and deployment environments.

Full-Stack Web Developer · Apside Maroc

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

AI recruitment management platform

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

ENSAM Casablanca

Diplôme d'Ingénieur d'État, Mechatronics Engineering · 2020-2023

Integrated Preparatory Cycle, Mathematics & Physics · 2018-2020

LANGUAGES

Working languages

English — Full professional proficiency
French — Full professional proficiency
Arabic — Native