Ayoub Idrissi

Software Engineer — full-stack TypeScript

Rabat, Morocco · open to relocation · earliest start 1 December 2026 · +212 650 605 290 · idrissiayoubidrissi@gmail.com · ayoub.id

SUMMARY

Software engineer building secure internal platforms for the Moroccan public sector. Technical lead at the Ministry of Equipment, Direction Générale des Routes, on a ~350-user internal platform (Next.js, TypeScript, React), owning architecture, authentication, and delivery, with additional modules deployed nationally. Outside work, designs, builds, and ships web and iOS products through AlineShell, an independent studio, including AI product features built on OpenAI APIs (speech transcription, structured LLM extraction).

EXPERIENCE

Software Developer — Direction Générale des Routes (General Directorate of Roads), Ministry of Equipment
Morocco · 2024 – Present

- Technical lead on the directorate's secure internal platform (Next.js, TypeScript, React); own implementation from architecture through delivery. ~350 users in the directorate, with additional modules deployed nationally.
- Designed and built the platform's authentication and role-based access control.
- Designed and implemented complex UI flows and reusable component and design-system patterns.
- Work directly with stakeholders on technical and product trade-offs and shape the platform's technical direction.
- Built and maintain Présences, a production Windows desktop app for HR leave tracking (Electron with electron-vite, React, Tailwind, SheetJS).

Software Developer — M-INFO
Morocco · 2023

- Built and maintained client applications and workflow tools with Spring Boot, Angular, and Next.js.
- Refactored towards a modular design, fixed bugs, and wrote technical documentation; coordinated a small team (~4).

Frontend Developer & Funnels Designer — GINIGO Ltd
2022

- Designed and built responsive, conversion-focused sales funnels with attention to performance and accessibility.

Project Manager — PLUMNETWORK
2022

- Managed full-stack project lifecycles: team coordination, unblocking, progress reporting, and client-aligned delivery.

Systems Developer Intern — DIGIUP
2021

- Built HR-platform modules (Spring Boot, SQL), responsive UI components, and device/API integrations.

SELECTED INDEPENDENT PROJECTS

AlineShell (aline.sh) — independent studio
One-person mobile and web app studio; handle product, design, engineering, and infrastructure.

- **Fripe** (fripe.aline.sh) — offline iOS Vinted listing app, coming to the App Store: images are processed on-device, there are no network requests, and nothing is collected.
- **Murmei** — iOS voice journal (SwiftUI, OpenAI APIs, Cloudflare), pre-launch: server-side transcription, then one structured-output (JSON schema) LLM call that extracts reminders, events, and collections; transcripts treated as data, not instructions (prompt-injection hardening); abuse and cost controls (App Attest, Cloudflare WAF, presigned uploads, per-user caps).
- **OneClickCover** — AI cover-letter generator with a Chrome extension (Next.js, PostgreSQL, Supabase, Tailwind); built and shipped end to end: web app, backend, and browser extension.

SKILLS

- **Frontend:** TypeScript, JavaScript, React, Next.js, Tailwind CSS, component architecture, design systems, responsive UI, accessibility, Figma
- **Backend & data:** Node.js, REST APIs, PostgreSQL, SQL, data modelling, Supabase; Prisma (independent projects); Java, Spring Boot, Angular (2021–2023 roles)
- **AI:** OpenAI APIs (transcription, structured outputs), prompt-injection hardening; AI-assisted development (Cursor, Claude Code)
- **Auth, infrastructure & tools:** authentication and role-based access control; Git, GitLab CI/CD, Electron, Linux, Bash; Cloudflare, Vercel, Stripe, Swift/SwiftUI (independent projects)

EDUCATION

- Diplôme d'Ingénieur d'État (State Engineering Degree), Computer Science — in progress, expected 2029 (weekend programme alongside full-time work)
- BTS (Brevet de Technicien Supérieur), Software Development — 2-year post-secondary technical diploma · Morocco · 2023

LANGUAGES

Arabic (native), English (fluent, professional working language), French (intermediate)