

Younes KAOUANI

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Profile

Full-stack software engineer with 3+ years designing and shipping data-intensive SaaS platforms (LegalTech, CRM, LMS, FinTech). Backend-leaning: I build Node.js/NestJS, Java (Spring Boot) and Python services on PostgreSQL, and own features end-to-end through a React/Next.js frontend. Strong on system design ownership from requirements to production — multi-tenant architecture, API design (REST, gRPC, OpenAPI), containerised deployment and CI/CD. French / EU citizen. Open to relocation.

Technical Skills

- **Backend:** Node.js, NestJS, TypeScript, Java (Spring Boot), Python (FastAPI/Django), PHP (Laravel)
- **APIs & integration:** REST, gRPC, WebSockets, OpenAPI/Swagger; JWT, OAuth, session auth, RBAC
- **Frontend:** React, Next.js, TypeScript, Tailwind; Redux, Zustand, React Query
- **Data:** PostgreSQL, MySQL, MongoDB, Redis; Prisma, TypeORM; SQL query optimisation, schema design, indexing and normalisation
- **Architecture:** Multi-tenant SaaS, service-to-service communication (gRPC), offline-first sync, RLS/RBAC, transactional integrity (idempotency, atomicity), monorepo/multi-repo
- **SDLC & Cloud:** Git, Docker, CI/CD (GitHub Actions), Nginx, Cloudflare, S3 object storage, Linux, Agile (Scrum)
- **Testing:** Unit, integration and end-to-end (Jest, Supertest, Playwright)

Experience

EvolvIT, Algiers, Algeria — Software Engineer

January 2025 – July 2026

- **System design ownership:** Architected multi-tenant NestJS + PostgreSQL backends with React/Next.js frontends, owning features from database schema through API to UI — requirements to production.
- **Delivery at scale:** Technical leadership across 10 client projects (LMS, dashboards, SaaS, CRM) with 100% on-time delivery, working in Agile teams alongside product and client stakeholders.
- **SDLC practices:** Standardised CI/CD (GitHub Actions) and Docker-based deployment across ~8 projects.
- **Collaboration & mentoring:** Introduced structured code reviews and coached 3 junior developers, cutting median PR-to-merge time from ~2 days to under 1.

Legis (LegalTech SaaS), Algiers, Algeria — Software Engineer

October 2024 – July 2026

- **Full-stack platform:** Designed a multi-tenant platform serving 50 law firms on **Java / Spring Boot** with a **React** frontend, including tenant isolation and role-based access.
- **Performance engineering:** Cut dashboard page load from ~2.1s to ~0.9s (~55%) through Redis caching on read paths and SQL query optimisation.
- **Security & sensitive data:** Implemented encryption and security protocols for confidential client and legal records — a regulated-data context comparable to life-sciences data handling.

Aurora Inc, Constantine, Algeria — Web Developer

March 2023 – September 2024

- Led frontend development across 5+ web applications, building complex features and maintaining legacy codebases.
- Restructured core MySQL tables (normalisation + indexing), dropping the slowest reporting query from ~780ms to ~95ms.

Community Engagements

- **GDG Constantine — Co-leader & Event Manager (2021–2024):** Organised 10+ technical events with 5,000+ total participants — public speaking, community building and cross-team coordination.

Languages

English: Bilingual — French: Fluent (C1) — Arabic: Native

Education

Abdelhamid Mehri University, Constantine — Bachelor's Degree in Software Engineering

September 2021 – June 2024