GHANAI Ahmed Abdellah

Full Stack Web Developer — NestJS · React · TypeScript · PostgreSQL

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SUMMARY

Full stack developer specializing in NestJS and TypeScript, building REST APIs and high-volume data systems on PostgreSQL. Led backend development on a microservices platform and served as sole developer maintaining a complaint-management system handling a database of 1.2M+ complaints. Works across the full stack when needed, with a strong emphasis on performance, data integrity, and secure, maintainable code.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, PHP, SQL
Backend: NestJS, Flask, REST APIs, RabbitMQ
Databases & Caching: PostgreSQL, Redis, SQL Server, OracleDB, MongoDB
ORMs: TypeORM, Prisma
DevOps & Tools: Docker, Docker Compose, Git/GitHub, Linux, Swagger/OpenAPI, S3-compatible storage
Frontend: React, Angular
CMS: WordPress / WooCommerce

PROFESSIONAL EXPERIENCE

Web Developer — Auto-Entrepreneur

Oct 2024 – Present

Self-employed — Algiers, Algeria

- Designed, built, and deployed professional and institutional websites and web applications using the stack that best fit each client's needs (WordPress/WooCommerce, custom PHP, React, NestJS, or other technologies).
- Provided clients with ongoing management, maintenance, and performance optimization of their websites and applications..

Full Stack Developer & Team Lead (Contract)

Dec 2025 – Jul 2026

SARL Ourquilane (Yalidine El Djazair) — Algiers, Algeria

Complaint-Management Platform (sole developer — maintenance & deployment)

- Sole developer maintaining and developing an existing complaint-management platform for a major parcel-delivery company (Yalidine El Djazair), used by 550+ internal staff across 250+ delivery agencies plus public submissions.
- Significantly improved performance on a database with a 1.2M+ row complaints table: searches that previously lagged now return almost instantly, and large report exports that used to time out now complete reliably.
- Maintain and extend the application with new features as needed, and modernized the deployment with Docker, replacing an outdated manual setup.

Warehouse Management Platform (backend team lead)

- Led the backend team building a B2B warehouse-management platform on a NestJS microservices architecture.
- Responsible for core backend services, access control, third-party integrations, and deployment, with a focus on reliability and data integrity.

Web Developer Intern

Feb 2024 – May 2024

Brqloud — Algiers, Algeria

- Developed a billing-system prototype for managing cloud-service products, including backend logic for product handling, automated invoicing, and automated deployment.
- Designed the database schema and produced comprehensive API documentation with Swagger.

Technical Support Agent Aug 2023 – Apr 2024

ADEX Technology — Algiers, Algeria

- Delivered Level 1 technical support and tracked incident resolution within SLA deadlines, gaining hands-on exposure to cloud and infrastructure operations.
- Assisted users with troubleshooting and escalation, and collaborated with developers to identify recurring issues and propose fixes.

Web Developer Intern Mar 2022 – Sep 2022

PlayMode SPA (PMG) — Chéraga, Algeria

- Built an internal web application for IT asset management — tracking, maintenance, and resource allocation of company hardware.
- Supported the IT team with daily maintenance and system tasks.

SELECTED PROJECTS

Multi-Tenant Warehouse Management SaaS — NestJS, Microservices, PostgreSQL, Docker

- Backend developer on a B2B multi-tenant SaaS platform for warehouse management, built on a NestJS microservices architecture.

CS-CARE (Yalidine Complaint-Management Platform) — NestJS, PostgreSQL, Docker, Angular

- Sole maintainer of a complaint-management system for a major parcel-delivery company, handling a 1.2M+ row complaints table; optimized slow searches to near-instant and fixed timing-out report exports.

Opow (Sports Facility Showcase Platform, per-wilaya) — PHP

- Series of official websites for Algeria's OPOW sports offices (opow-wilayaName.com), presenting stadiums, pools, and sports halls with details, photos, and capacity metrics, plus an institutional "About" presentation. Live example: opow-blida.com. Rolling out across multiple wilayas (Biskra, Béjaïa, Blida, Ghardaïa, Alger, Bordj Bou Arreridj, Naâma, Tizi Ouzou, Mascara, Oran, more in progress).

Emara (Architecture & Design Studio Website) — React emara

- Website for Emara, a minimalist architecture and design studio in Algiers.

Ministry of Youth — Summer Camps Website — WordPress moukhayami.mjeunesse.gov.dz

- Public website for the Algerian Ministry of Youth to manage and display youth-camp programs, built with WordPress and a custom PHP theme, with admin interfaces for content management.

EDUCATION

Bachelor CSI (Concepteur de Systèmes d'Information) — Information Systems Design 2022 – 2024
3iL Ingénieurs (Limoges, France) — delivered at H2IT Institute (Ibn Rochd), Algiers

Higher Technician Diploma — Databases Specialization 2019 – 2023
IFG / Sonatrach — Algiers, Algeria

University Studies in Applied Mathematics (2 years) 2018 – 2021
USTHB — Algiers, Algeria