

# ABDELAZIZ KAZOUM

## Senior Full Stack JavaScript Developer

Rabat, Morocco • +212 636 739 071 • abdelazizkazoum1@gmail.com • kazoum.dev

Available full remote

### PROFESSIONAL PROFILE

Senior Full Stack JavaScript Developer with 6+ years of experience building scalable, production-grade web applications from end to end. Expert in Node.js / NestJS backends and modern React / Next.js frontends, with deep knowledge of microservices, REST APIs, GraphQL, and real-time event-driven messaging. Comfortable owning the full delivery cycle — from architecture and coding to CI/CD, containerisation, and observability — in critical environments that demand zero downtime. Bilingual in French and English; interview-ready in English.

### CORE TECHNICAL SKILLS

**Backend:** Node.js, NestJS, Express.js, REST APIs, GraphQL, Microservices, Event-driven architecture, Clean Architecture

**Frontend:** React.js, Next.js 15 (SSR / SSG / ISR), TypeScript, Tailwind CSS, Material UI, Feature-Sliced Design

**Databases:** MongoDB, PostgreSQL, Oracle, MySQL

**Messaging & Real-time:** NATS (production), Kafka, RabbitMQ, MQTT, WebSockets

**Auth & Security:** Keycloak 18-22, OAuth 2.0, OpenID Connect, JWT, SSL/TLS

**DevOps & CI/CD:** Docker, Kubernetes, Helm, GitLab CI/CD, Jenkins, GitHub Actions

**Cloud:** GCP (GKE, Cloud Run, Cloud Storage, Cloud Build), AWS

**Testing & Quality:** Cypress (E2E), TDD, BDD, SonarQube

**Methodologies:** Agile (Scrum / Kanban), CI/CD, TDD/BDD

### PROFESSIONAL EXPERIENCE

**Senior Full Stack JavaScript Developer** — Royal Gendarmerie — Rabat, Morocco 2021 - Present

#### E-PV — Judicial Case Report Management System (2024-2026)

- ▶ Architected and delivered a secure, multi-service web platform for critical judicial workflows — NestJS REST APIs + Next.js 15 frontend with SSR for fast, authenticated page loads
- ▶ Designed a real-time event-driven layer using NATS for high-throughput async communication between distributed services
- ▶ Built a reusable, accessible React component library integrated across the entire frontend, significantly cutting new feature delivery time
- ▶ Implemented multi-partner SSO with Keycloak 22, OAuth 2.0, and OpenID Connect; owned JWT issuance and refresh flows
- ▶ Integrated Cypress E2E test suite and SonarQube quality gates into CI/CD pipelines; maintained >85% code coverage
- ▶ Owned full containerisation (Docker) and cloud deployment (GKE); zero unplanned downtime over the project lifetime

Stack: NestJS · Next.js 15 · TypeScript · NATS · Oracle DB · Docker · GKE · GitLab CI/CD · Jenkins · Keycloak 22 · Cypress · SonarQube

#### GED & GESTRE — Secure Document Management Platform (2021-2023)

- ▶ Developed full-stack document management system for a private intranet — NestJS REST APIs and a Next.js 14 frontend with SSR for secure, air-gapped access
- ▶ Built digital-signature workflows using OpenSSL and end-to-end data-integrity tracking across all document services

- ▶ Automated environment-specific builds and deployments with GitLab CI and Docker; maintained multiple environment configs

Stack: NestJS · Next.js 14 · TypeScript · PostgreSQL · Docker · GitLab CI · OpenSSL

### Full Stack Developer & Database Administrator — Public Organisation — Rabat, Morocco 2020 – 2021

- ▶ Contributed to backend service and REST API design for institutional web applications
- ▶ Optimised Oracle and PostgreSQL queries and backup procedures for production databases
- ▶ Led containerisation initiative, migrating legacy services to Docker-based environments

### Full Stack JavaScript Developer (Freelance) — Remote / Personal Projects 2021 – Present

#### iRecruit — Full-Stack Recruitment SaaS (2025)

- ▶ Sole developer: designed and shipped a production recruitment platform — NestJS REST API backend, Next.js 14 SSR/SSG/ISR frontend, MongoDB persistence
- ▶ Implemented candidate pipeline, job posting CRUD, applicant tracking, and email notifications end-to-end
- ▶ Set up full CI/CD on GitLab CI + Jenkins, deployed to GCP Cloud Run; automated quality gates with SonarQube and Cypress

Stack: Node.js · NestJS · Next.js 14 · MongoDB · Docker · GCP (Cloud Run, Cloud Build) · GitLab CI · Jenkins · SonarQube · Cypress

## KEY ACHIEVEMENTS

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- ▶ Delivered zero-downtime full-stack applications for mission-critical government platforms over 3+ years
- ▶ Led full migration from Monolith to Microservices, REST to Event-driven (NATS), VM to Dockerised services
- ▶ Reduced deployment time by 60% through end-to-end CI/CD automation across multiple production environments
- ▶ Built robust SSO solutions (Keycloak + OAuth 2.0 / OIDC) adopted across multiple partner organisations
- ▶ Shipped a complete SaaS product solo (iRecruit) — from architecture through production deployment

## EDUCATION

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Engineering Degree — Information Systems	SUPMTI, Rabat   2023–2025
Bachelor's Degree — Computer Engineering	SUPMTI, Rabat   2022–2023
Advanced Technician Diploma — Software Development	ISTA Mirleft   2018–2020

## LANGUAGES

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**Arabic:** Native **French:** Professional **English:** Professional — technical and interview-ready