ANASS ANGRA

Backend Developer & Software Engineer

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PROFESSIONAL SUMMARY

Full-stack developer with 3 years of professional experience building and maintaining backend systems for a live SaaS platform. Focused on REST APIs, real-time architectures (Socket.IO, Redis), asynchronous job processing (Bull/BullMQ), SQL/NoSQL data layers, and containerized deployments (Docker, Nginx, Linux). Comfortable analyzing existing systems, tracing cross-service impact of changes, and shipping pragmatic, maintainable code. Most experience comes from a production restaurant-management/POS platform, supplemented by independent and client projects spanning WhatsApp-based commerce, e-commerce fulfillment, and business-management platforms.

SKILLS

Backend: Node.js, Express.js, NestJS, TypeScript, REST APIs, authentication & authorization, service integrations

Data & Real-Time: MongoDB, MySQL, Prisma, Redis, Mongoose, Socket.IO, Bull/BullMQ, data migrations

Infrastructure & Quality: Docker, Docker Compose, Nginx, Linux/Ubuntu, CI pipelines, automated testing (unit/integration/E2E), API & webhook security

Frontend: React.js, Redux/Redux Toolkit, JavaScript, HTML5/CSS3

WORK EXPERIENCE

Full-Stack Developer — Caisse Manager, Morocco *Dec 2025 – Sept 2026*

- Developed and maintained full-stack features for a SaaS restaurant-management platform using React, Node.js, Express.js and MongoDB.
- Designed and maintained REST APIs, business integrations and real-time mechanisms using Socket.IO and Redis.
- Built asynchronous processing and task queues with Bull, including a Redis-backed queuing layer that processes order status and syncs it in real time to the Kitchen Display System.
- Analyzed the performance and stability of services, identifying root causes of errors and abnormal behavior, and investigated and fixed security issues related to authentication, tokens and access permissions.
- Worked within a containerized multi-service architecture (Docker, Nginx, MongoDB, Redis), assessing the impact of changes on existing dependencies.
- Collaborated with technical and operational teams to turn field problems into product improvements, documenting key behaviors and diagnostic procedures.

Full-Stack Developer (Fixed-Term Contract) — Lea Joy, Rabat / Remote *Sept 2023 – Nov 2025*

- Developed and maintained full-stack web applications using React.js, Node.js, PHP/Laravel and MySQL.
- Built React interfaces, managed application state with Redux.js, and integrated REST APIs.
- Developed server-side logic, business features and backend integrations with Node.js and Laravel.
- Worked with MySQL and relational data models to build, maintain and evolve product features.
- Investigated and fixed bugs in existing applications by analyzing behavior, dependencies and the impact of changes.

SELECTED PROJECTS

Multi-Tenant Photo Commerce & Fulfillment Platform (Personal, in progress) — *NestJS, TypeScript, Prisma/MySQL, Redis/BullMQ, Twilio, React/Redux Toolkit, Docker*

- Designed and built the backend for a multi-tenant platform ordering AI-styled photo products over WhatsApp, including a two-channel ordering flow (Meta Cloud API and a signature-verified, Redis-deduplicated Twilio webhook relay), wallet logic, and the admin backoffice.
- Ran a self-directed production-readiness audit (auth, multi-tenant isolation, wallet concurrency, webhook replay, SSRF, path traversal) and fixed every issue found, each with a regression test.
- Wrote and maintain automated tests across 4 independently-versioned services, each with its own CI pipeline.

EDUCATION

Data Science Training (in progress) — Sup MTI, Morocco, 2025 – 2027

Bachelor's, Computer Systems Engineering — Sup MTI, Morocco, 2024 – 2025

Full-Stack Developer Program — ISTA (Institut Spécialisé de Technologie Appliquée), Morocco, 2021 – 2023

CERTIFICATIONS & LANGUAGES

Certifications: Advanced React (Meta) • Agile PM (Google) • React JS (HackerRank) • JavaScript (Meta). **Languages:** Arabic (Native), French (Interm.), English (Interm.)