

Mohamed Bencheikh

FULL-STACK DEVELOPER & AI ENGINEER

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PROFESSIONAL SUMMARY

Full-Stack Developer & AI Engineer with 2+ years of experience engineering production web applications and autonomous AI agents. Specializes in bridging modern frontends (React/Next.js), robust backends (Symfony/Node.js/Python), and LLM tool-calling workflows to automate complex business logic. Taking end-to-end features from architectural design through cloud deployment and performance optimization.

EXPERIENCE

Full-Stack Developer / AI Engineer

2024 – Present

Leadz Tech · Rabat, Morocco

- Architect and deliver end-to-end web applications, integrating responsive frontends, backend REST APIs, and database schemas across full lifecycle releases.
- Design autonomous AI agent workflows leveraging function calling, context handling, multi-step execution, and third-party webhooks to automate core business operations.
- Implement secure RESTful microservices and API integrations utilizing Node.js, Symfony, API Platform, and JWT authentication protocols.
- Deploy, configure, and maintain containerized applications (Docker) on DigitalOcean cloud environments with continuous uptime monitoring.
- Integrate real-time communication channels and automation tools, including WhatsApp business APIs, FlowXO workflows, and custom backend webhooks.
- Accelerate feature development, code refactoring, and debugging cycles by incorporating modern AI-assisted workflows (Cursor, Claude API).

FEATURED PRODUCTION PROJECT

AI E-Commerce Agent — Les Eaux Minérales d'Oulmès

A production conversational AI agent wired into an enterprise e-commerce stack. Customers query live inventory, mutate cart state, inspect authenticated orders, and get guided through checkout without leaving the chat.

- Catalog Retrieval: Engineered structured LLM tool-calling pipelines allowing natural-language querying of real-time inventory and product specs with sub-second API latency.
- Cart Management: Implemented dynamic cart actions, permitting users to seamlessly add, modify, or remove items directly within the conversational interface.
- Contextual Scoping: Integrated secure JWT session verification to scope account access, enabling authenticated customers to retrieve live order status, tracking data, and invoices.
- Workflow Guidance: Built conversational guidance through the multi-step checkout funnel, reducing dropped user sessions and customer support overhead.
- Testing & Reliability: Executed end-to-end sandbox and production testing to ensure prompt resilience, strict API response formatting, and zero data leakage.

TECHNICAL SKILLS

Languages

TypeScript · JavaScript · PHP · Python · SQL

Frontend

React · Next.js · React Query · React Router · Tailwind CSS · MUI · Framer Motion

Backend & APIs

Node.js · Symfony · API Platform · REST APIs · JWT · Microservices

AI & Automation

AI Agents · LLM APIs · Tool Calling · Prompt Engineering · FlowXO · Webhooks

Databases & Cloud

PostgreSQL · MySQL · Supabase · Docker · DigitalOcean · Caddy

Tooling & Practice

Git · GitHub · CI/CD · Production Debugging · System Design · AI-Assisted Dev

EDUCATION

Diplôme en Développement Informatique

École MIAGE Salé · Salé, Morocco · Graduated 2024