

MALKI L'HARRAK OMAR

Full-Stack Developer • Backend • AI Integration • Cloud Infrastructure

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PROFILE

Full-Stack Developer with 2+ years of professional experience, complemented by several freelance projects, specializing in the design, development, and deployment of modern web applications.

I work across the full product lifecycle: requirements analysis, software architecture, frontend and backend development, API integration, Linux server deployment, and production maintenance.

I have built platforms for healthcare, education, business management, and service industries using modern technologies such as Laravel, React, Vue.js, FastAPI, and Node.js. I also develop AI-powered solutions, including speech transcription models and LLM integrations for business process automation.

TECHNICAL SKILLS

Languages	PHP • JavaScript • TypeScript • Python • SQL
Backend	Laravel • FastAPI • Node.js • Express.js • REST API • JWT • RBAC
Frontend	React • Next.js • Vue.js • Inertia.js • Tailwind CSS • HTML5 • CSS3
Databases	MySQL • MongoDB
AI	LLM Integration • Whisper • Ollama • Speech Processing • Prompt Engineering
DevOps & Infra	Docker • Linux • Nginx • Apache • Cloudflare • DNS • SSL • VPS • CI/CD • Monitoring • Backups

PROFESSIONAL EXPERIENCE

Full-Stack Developer & Infrastructure Administration Conceptify Pro	February 2024 — August 2026
- Designed, developed, and deployed web applications for healthcare, real estate, education, and service industries. - Developed scalable backend architectures with Laravel, FastAPI, and Node.js, alongside modern interfaces with React, Vue.js, and Next.js. - Integrated third-party APIs, payment systems, AI services, geolocation, and business process automation. - Administered Linux servers and VPS environments, including Docker, Nginx, Cloudflare, SSL certificates, DNS, and production maintenance. - Participated in client meetings to analyze functional requirements and propose appropriate technical solutions. - Provided technical leadership to a team of 15+ developers: task allocation, code reviews, developer support, and technical blocker resolution. - Contributed to architecture decisions and continuous improvement across projects.	

Freelance Full-Stack Developer	2023 — Present
Designed and developed custom software solutions for Moroccan businesses in healthcare, education, business management, and commerce. Key achievements: - Developed complete web platforms using Laravel, React, Vue.js, FastAPI, and Node.js. - Implemented secure architectures with JWT authentication and role-based access control (RBAC). - Developed real-time features using WebSockets, geolocation, and live tracking. - Integrated payment solutions, HLS video streaming, and third-party APIs. - Deployed and maintained applications on Linux infrastructure.	

SELECTED PROJECTS

AI Medical Assistant
Full-Stack application built with FastAPI, Next.js, and MongoDB for automatic transcription of medical consultations in Darija using Whisper, with AI-assisted medical report generation through language models.
Technologies: FastAPI • Next.js • TypeScript • MongoDB • Whisper • Ollama
Gestoría Management Platform
Centralized management platform integrating secure authentication, document management, PDF invoice generation, real-time communication, and task management.
Technologies: React • Node.js • Express • MongoDB • WebSockets
Library Management Platform

Solution for managing catalogs, inventory, online sales, school programs, and orders through a centralized administration interface.

Technologies: Laravel • Vue.js • Inertia.js • MySQL

Subscription-Based Educational Content Platform (NeuralBox)

Subscription-based training platform with automatic HLS video conversion, user management, content administration, and optimized content delivery.

Technologies: Laravel • Vue.js • FFmpeg • HLS • MySQL

EDUCATION

Professional Bachelor's Degree — Web Technologies & Programming Faculty of Sciences Semlalia — Marrakech

2021

Specialization in full-stack web development, software architecture, and database design.

DUT — Multimedia & Web Design École Normale Supérieure — Tetouan

2020

Specialization in full-stack web development, software architecture, and database design.

CERTIFICATIONS

Google IT Automation with Python Coursera / Google

July 2023

Python automation, Linux, Git, REST APIs, and Google Cloud Platform.

LANGUAGES

- Arabic: Native
- French: Professional
- English: Professional
- German: Beginner (A1)