

EL MAHDI MOUBARAK

Founder & Full-Stack Engineer · Software, SaaS & AI

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PROFILE

I build software and AI systems end-to-end: specs, architecture, code, deploy. 6 years across cybersecurity, healthcare and fintech, mostly as the only engineer on the project. I work with founders and agencies who need something built properly and shipped fast.

PROFESSIONAL EXPERIENCE

Founder & Software Engineer

EMM · France

March 2026 – Present

- Independent software engineering practice: web apps, SaaS and AI automation for founders and agencies, end to end
- Delivered corporate AI training for DRIVECO: two tailored FR/EN sessions with live use cases built on real workflows and the OpenAI ecosystem

Founder

Piktechs

March 2026 – Present

- B2B SaaS for events & networking: digital business cards, lead capture, attendee tracking (Next.js, TypeScript, Supabase, Stripe)
- Design, build and run the whole product: architecture, frontend, backend, infrastructure

CTO

KSUR Services · France · Morocco

March 2026 – Present

- Digital agency building tailor-made web & mobile applications, e-commerce platforms and AI-driven automation workflows for SMEs and enterprises
- Own the agency's full technical stack and delivery, from architecture to production

Full-Stack Engineer

Board of Cyber · Paris (remote)

March 2023 – February 2026

- Core contributor to *Security Rating®*, a SaaS cyber-rating platform used by 200+ organizations (Angular, TypeScript, Python)
- Solved 700+ tickets across platform, back office and manager office in a high-cadence release cycle
- Engineered a Python-based nmap vulnerability scanning probe automating attack surface data collection
- Implemented test coverage (Spectator), optimized CI/CD pipelines and contributed to the Angular migration, reducing technical debt

Full-Stack Engineer

ALTAO Santé · Lille

Sept. 2021 – Sept. 2022

- Sole engineer on a greenfield medical platform for hospital discharge summary correction (Vue.js, Django, PostgreSQL)
- Processed 5,000+ documents through the platform, saving hospitals €700,000
- Ran requirement sessions directly with doctors, wrote specs, integrated ML algorithms from the Data Science team
- Deployed and monitored the full AWS infrastructure autonomously (EC2, Route53, Amplify)

Mobile Software Engineer

Deuspi · Lille

March 2021 – June 2021

- Sole mobile engineer on the first version of a React Native grocery delivery app
- Owned the full frontend from designer wireframes to production-ready interface

Full-Stack Engineer

April 2019 – August 2019

- Built an internal R&D debugging tool (Vue.js, Spring Boot, MQTT) improving team development speed by 70%

Worldline · Seclin

KEY PROJECTS

Piktechs

B2B NFC cards & event SaaS (Next.js, TypeScript, Supabase, Stripe)

PDFold

AI OCR + Vision pipeline converting PDFs to structured Markdown, 11 languages (Next.js, Gemini API, Stripe)

Text-to-Short-Video

AI video generation pipeline (GPT, ElevenLabs, FFmpeg)

Mon Jouet Montessori

Shopify store built end to end, grown to real revenue and sold

SKILLS

Web & Mobile Dev

TypeScript, JavaScript · Next.js, React, React Native · Angular, Vue.js · Node.js · Python, Django, Flask · PostgreSQL, Supabase

Cloud & DevOps

AWS (EC2, Route53, Amplify) · Docker, Git, CI/CD · Vercel

AI & Automation

AI Agents, Agentic Dev, Claude Code · LLM APIs (OpenAI, Gemini, OpenRouter), Local LLMs · RAG, Vectorization · OCR & Vision pipelines · ElevenLabs, Voice AI

E-commerce

Shopify API, Liquid · Stripe · SEO

Languages

🇫🇷 French (Native) · 🌐 English (C1, TOEIC) · 🇪🇸 Spanish

EDUCATION

IMT Nord Europe

Lille · 2017 – 2022

Lycée Français Louis-Massignon

Casablanca · 2017

Engineering Degree in CS, Networks & Telecoms

Scientific Baccalaureate, Math Major

AVAILABILITY

Available for: freelance missions · SaaS & AI development · automation · tech consulting