

Mohamed Oussama Braiek

Full-Stack Developer & AI Engineer

Tunis, Tunisia

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About Me

AI Engineer and Full-Stack Developer with 3+ years of experience building scalable web, mobile, and AI-powered applications. Specialized in LLM integrations, Retrieval-Augmented Generation (RAG), and intelligent assistants using LangChain. Strong background in Next.js and MERN stack, focused on building real-world, production-ready systems.

Professional Experience

Software Engineer, OLINDIAS, Tunisia (2+ years) Aug 2023 – Sep 2025
Developed scalable web and mobile applications using Next.js, MERN, MEAN, Flutter, and Kotlin; optimized APIs and improved performance for SaaS products.

Software Engineer Intern, OLINDIAS, Tunisia (6 months) Dec 2022 – Jun 2023
Built web and mobile interfaces (ReactJS, Flutter) and developed RESTful APIs using Node.js.

Front-end Software Engineer Intern, OLINDIAS, Tunisia (2 months) Jul 2022 – Sep 2022
Integrated Figma designs into ReactJS and customized WordPress themes for dynamic content.

Education

Engineering Degree in Software Development Sep 2020 – Jul 2023
The Private Higher School of Engineering and Technology (ESPRIT), Tunisia

Bachelor of Science in Computer Engineering Sep 2017 – Apr 2020
The Higher School of Informatics and Mathematics (ISIMM), Tunisia

Projects

QuizzzyAI — Adaptive Quiz Agent — FastAPI, LangGraph, LangChain, FAISS, Groq, Next.js
RAG pipeline that chunks and embeds PDFs into a FAISS vector store. A LangGraph agent evaluates answers, adjusts difficulty, and generates explanations using Llama Model.

AI Portfolio (RAG Assistant) — Next.js, LangChain, Ollama, TypeScript
Built an AI assistant using LangChain and RAG to answer questions about my experience with semantic search and streaming responses.

FabrianLab - E-commerce Platform — Next.js, MongoDB, Zustand, Tailwind CSS
Full-stack e-commerce platform with dashboard and order management.

Jocker Shop — Next.js, Prisma
E-commerce platform with authentication and product customization features.

Technical Skills

- **AI:** LLMs, RAG, LangChain, LangGraph, Ollama, HuggingFace, Prompt Engineering, n8n
- **Languages:** JavaScript, TypeScript, Python, Java
- **Frontend:** React, Next.js, Tailwind CSS, Zustand, Redux
- **Backend:** Node.js, Express, FastApi, Spring Boot, .NET
- **Mobile:** Flutter, Kotlin
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Tools:** Docker, Git, CI/CD, Cypress

Certifications

AI Engineering Bootcamp — (2026) | Flutter Development — (2023) | Full-Stack Web Development — (2022)

Languages

English | French | Arabic