

Mohamed Amine Ammar

Full Stack Developer

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Profile

Full Stack Developer specialized in React, Next.js, Node.js, and Go, with experience building scalable applications, backend systems, and real-world platforms using modern architectures.

Technical Skills

Languages: JavaScript, TypeScript, Python, Go, Java, SQL

Frontend: React, Next.js, Tailwind CSS

Backend: Node.js, Express, NestJS, Fastify, FastAPI

Databases: MongoDB, PostgreSQL

DevOps: Docker, AWS, CI/CD, Linux

Experience

Web Development Intern

Pixelium, Sousse

Feb 2024 – May 2024

- Built a real-time animal tracking platform using Next.js, Fastify, and MongoDB.
- Worked in Agile environment and improved performance and code quality.

Projects

Chess Puzzle App

(Next.js, Go · Echo, FastAPI, Redis, Docker, AWS EKS)

- Microservices platform serving chess puzzles via Lichess API, a 4M+ dataset, and an AI RAG pipeline that selects puzzles based on natural language prompts.
- Voice-to-move engine with custom NLP parser, accent handling, and dual STT backends (OpenAI, Deepgram) lets players speak moves instead of clicking.
- Deployed on AWS EKS behind an nginx gateway with CI/CD via GitHub Actions.

AI Creative Studio

(Next.js, FastAPI, Replicate, Framer Motion)

- Full-stack AI generation workspace supporting text-to-image (Google Imagen 4), photo editing, and video generation (Minimax) from a single studio interface.

Hanouti.tn

(Next.js, Node.js, MongoDB)

- Full e-commerce platform with cart, admin dashboard, payments, and AI chatbot.

EL Boutique

(Next.js, NestJS, Stripe, PayPal)

- E-commerce application with secure payments and scalable backend.

Farm Management App

(Electron, Node.js)

- Desktop app for managing crops, inventory, and farm operations with local storage.

Education

Software Engineering Degree

2021 – 2024

Faculty of Sciences of Monastir

Baccalaureate in Computer Science

2021

Lycée Fattouma Bourguiba

Languages

Arabic (Native) — French (Fluent) — English (Intermediate)