



Portfolio



# MANAA Mohaned

## AI Engineering Student & Full-Stack Developer

Perfection Isn't Good Enough

AI Engineering student at ENSIA obsessed with solving real-world problems through novel software and AI systems. I enjoy integrating AI into unconventional domains, from optimizing personal workflows to building scalable solutions addressing challenges in Algeria and beyond.

### Contacts

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### Education

- Bachelor of Science in Artificial Intelligence**  
ENSIA, Algiers, Algeria  
Sep 2023 – Present
- Baccalaureate, Scientific Branch**  
Grade: 18.68/20  
Bouhara High School,  
Constantine, Algeria  
2023

### Skills

#### AI & ML

- Machine Learning, Deep Learning, NLP, Computer Vision, Multimodal AI, LLM Applications, RAG, AI Agents, Time Series Analysis, Model Deployment, MLOps, RL, Signal Processing

#### Web

- React, SolidJS, Next.js, Node.js, FastAPI, Flask, Tailwind, MongoDB, Supabase, REST APIs, GSAP, ThreeJS, Motion

#### Desktop & Systems

- Rust, Tauri, C++, Qt, Python, Docker, Linux/WSL2, VBox, PostgreSQL, Electron, N8N, ONNX

#### Mobile

- Flutter, Kotlin, Expo, React Native, BLOC, Firebase, Hive

### Highlights

- 8 Hackathons Wins
- 32+ Projects Built
- 3 Co-Founder / Startup Roles
- 3 Clubs Technical Manager Roles

### WORK EXPERIENCE

- Hackathon Champion** Present  
8 total wins across AI, software, and innovation competitions.
  - 1st Place: Mathurance, Dev Camp 2025, Code4Palestine, EliteHack.
  - 2nd Place: Hack&Train 2024, AI4Health.
  - 3rd Place: NEST Robotics 2025, InnovTech.
- CEO & Co-Founder | DzairAI** Feb 2026 - Present  
Building Algeria's AI ecosystem platform connecting experts, organizations, events, datasets, and AI initiatives. Leading product vision, platform architecture, partnerships, and ecosystem growth.
- Intern Fullstack Developer | Think Touch Solution** Jan - June 2026  
Developed full-stack features for a private internship platform focused on cosmetic safety analysis and AI risk workflows. Built backend APIs, data pipelines & interfaces.
- Mobile Developer | Notiverse** Nov 2025 - Present  
Developing cross-platform mobile applications with focus on performance, scalability, and clean user experience. Contributing to frontend architecture and mobile feature development.
- Co-Founder & Marketing Manager | Baina-AI** Nov 2025 - Present  
Leading branding, outreach, and company's decisions, and client meetings. Managing digital presence, community engagement, and marketing campaigns.
- CIC AI Manager** Sep 2025 - June 2026  
Organizing AI-focused workshops, and community initiatives. Leading AI activities, project collaboration and guiding in AI project development and technical decisions.
- ESC Dev Manager** Sep 2025 - June 2026  
Leading software development initiatives and mentoring development teams for student and technical projects. Coordinating project execution and technical challenges.
- EBEC IT Manager** Sep 2024 - Dec 2025  
Managing technical infrastructure, platforms, and digital operations for EBEC ENSIA. Supporting event systems, automation, and technical coordination and Workshops.

### PROJECTS

- Haru** Tauri, Rust, SolidJS, WSL, Llama.cpp  
Local-first AI study ecosystem orchestrating desktop UI, local models, compiled accelerated binaries, and intelligent study workflows.
- DzairAI** NextJS, Supabase, FastAPI  
Building Algeria's AI ecosystem platform connecting experts, organizations, events, datasets, and AI initiatives through collaborative workflows and scalable infrastructure.
- CosmetoCare** Next.js, FastAPI, PostgreSQL, Docker  
Private internship platform for cosmetic safety analysis, admin validation, AI risk workflows, and data pipelines based on molecule science.
- Nasij** Flutter, FastAPI, Python, NextJS  
Wool traceability platform spanning mobile field operations, backend APIs, dashboards, and analytics services.
- RIBIF** Next.js, Flask, Python, Three.js, ffmpeg  
Industrial investment platform chaining technical extraction, procurement intelligence, financial simulation, and 3D layout.
- Academia Plus** C++, Qt Framework, SQLite  
School management prototype modeling students, teachers, courses, and exams through a desktop GUI.