

MOHAMMED ALAA EDDINE MEKIBES

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PROFESSIONAL SUMMARY

Computer Science Master's student at USTO specializing in Artificial Intelligence, and a full-stack web developer (PERN and MERN stacks). Shipped three complete web platforms end to end, including a multi-role production system built as a graduation project. Comfortable across the stack: React/TypeScript front ends, Node/Express APIs, PostgreSQL and MongoDB data layers, and Linux-based deployment. Fluent in Arabic; comfortable in English and French.

TECHNICAL SKILLS

- **Front-End:** React, TypeScript, TanStack Router/Query/Form, Tailwind CSS, Zod, UI/UX fundamentals
- **Back-End:** Node.js, Express.js, REST API design, JWT authentication, Prisma ORM
- **Databases:** PostgreSQL, MongoDB, Neon, database schema design
- **Tools:** Git, GitHub, Figma, VS Code, openCode
- **Networking:** TCP/IP, OSI Model, routing protocols, Cisco Packet Tracer, Wireshark
- **Systems:** Linux fundamentals, Bash, file systems and permissions

SOFT SKILLS

- Problem-solving and independent debugging across full-stack systems
- Technical writing and documentation, including a full project memoir in LaTeX
- Public presentation and defense of technical decisions before an academic jury
- Time management balancing university coursework and personal projects

PROJECTS

Alimni Aya - Quran School Management & Discovery Platform | *Graduation Project*

Full-stack PERN platform (Tanstack Start, React, TypeScript, Node/Express, PostgreSQL, Prisma) for Quran school management and discovery, built as a graduation project and presented before a jury.

- Quran school discovery, student, teacher, and session management, scheduling
- Recitation tracking, certificates, quizzes, notifications, role-based access

Sakani - Algerian Real Estate Platform | *Personal Project*

Full-stack MERN platform (React 19, TanStack Router, Node/Express, MongoDB) for browsing, listing, and managing property listings.

- Built a responsive front end with a type-safe routing layer and Zod-validated forms
- Implemented JWT-based authentication and Cloudinary-backed image uploads for property listings

Restaurant Management SaaS | *Personal Project*

B2B SaaS platform for Algerian restaurants.

- Delivered French/Arabic/English internationalization with full RTL support
- Built QR-code digital menus and role-based access control for owner and staff accounts

EDUCATION

University of Sciences and Technology Oran (USTO) | 2023 - Present

Master's in Computer Science, Artificial Intelligence track