

Chakib Messaoud Ouaret

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SUMMARY

Full-Stack Engineer with 3+ years building and shipping production systems across e-commerce, healthcare, and restaurant tech. Specialized in Node.js/NestJS backends, React/Next.js frontends, and real-time architectures (WebSockets, video conferencing). Delivered 8+ client-facing platforms end-to-end, from database schema design to cloud deployment with Docker, Nginx, and Kubernetes.

EDUCATION

- **University of Science and Technology Houari Boumediene (USTHB)** Algiers, Algeria
Bachelor in Computer Science – Database and Network Design & Administration (EQF Level 6) Sep 2022 – June 2025
 - Thesis: *Design and Development of a Team Collaboration and Management Software*
 - Final Grade: 15/20
 - Focus areas: Software Engineering, Full-Stack Web Development, Real-Time Communication Systems, Database Management, Agile Project Management

PROFESSIONAL EXPERIENCE

- **Software Developer** **Feb 2025 – Jan 2026**
Collabted *Algiers, Algeria*
 - Architected and developed a production-grade full-stack application featuring real-time chat, video conferencing, and automated notifications.
 - Designed scalable database schemas and system architectures to support high-performance, multi-user environments.
- **Freelance Software Developer** **Mar 2024 – Present**
Self-Employed *Algiers, Algeria*
 - Built and deployed three production-ready platforms for major clients, including advanced marketplaces and clinic management systems.
 - Developed end-to-end solutions for diverse sectors: e-commerce, parapharmacy (stock management), and restaurant digitalization.
 - Provided comprehensive IT support and infrastructure maintenance for various business customers.

PROJECTS

- **Collabted – Collaborative Platform** **Sep 2024 – Mar 2025**
mactalog.me/projects/CollabTed
 - Collaborative platform with real-time chat, video calls, and team communication features.
- **Serpharm – Parapharmacy Platform** **Apr 2025 – May 2025**
serpharm-dz.com
 - Web platform for buying/selling parapharmacy products and managing stock, users, and business workflows.
- **ElecTiar – Electrical Store Platform** **May 2025 – Jun 2025**
electiar.com

– E-commerce and management platform for an electrical products store.

- **Qtab – Restaurant Digitalization** **Oct 2025 – Present**
qtabo.com
 - Restaurant digitalization platform with customizable digital menus, subscriptions, unique menu links, and analytics.
- **Medicare – Clinic Management System** **Jan 2025 – Nov 2025**
Documentation
 - Comprehensive clinic management system featuring patient files, appointments, and advanced queuing; optimized for secure LAN deployment to ensure data privacy and low-latency performance.
- **Autoharbour – Auto Marketplace** **Aug 2025 – Sep 2025**
github.com/M4CTAVICH/autoharbourbackend
 - Advanced auto marketplace with strict search engine, role-based dashboards, and real-time messaging.
- **AUME – University Management Backend** **Dec 2025**
github.com/M4CTAVICH/aume-managment-backend
 - University management backend built with NestJS, featuring AI-driven OCR for student registration and advanced timetable scheduling.
- **Mactalog – Personal Portfolio** **Jul 2025**
mactalog.me
 - Personal portfolio website showcasing skills, projects, and professional profile.
- **Logistics ERP Platform** **Jan 2025 – Feb 2025**
Team Project
 - Comprehensive ERP solution for logistics and production, managing the complete order lifecycle from raw material consumption to finished product distribution.

AWARDS AND HONORS

- **DevFest Batna 2025 – AI in Education Hackathon** **Dec 2025**
2nd Place Winner *Batna, Algeria*
 - Co-developed AUME, an AI-powered assistant to personalize how students, teachers, and administrators interact with educational material.
 - Worked in a high-pressure, time-sensitive environment to deliver a functional prototype, securing 2nd place among numerous competing teams.

SKILLS

- **Languages:** Arabic (Native), French (C1), English (C2), Spanish (A2)
- **Programming Languages:** JavaScript, TypeScript, Python, Java, HTML, C, C++, SQL, Kotlin, Go
- **Frontend:** React.js, Next.js, Tailwind CSS, Zustand, Redux
- **Backend:** NestJS, Node.js, Express.js, REST API, WebSockets, GraphQL, Laravel
- **Databases:** PostgreSQL, MySQL, MongoDB, SQLite, Redis, TypeORM, Prisma ORM
- **DevOps & Tools:** Git, GitHub, Docker, GitHub Actions, Nginx, Linux, Kubernetes, Vercel
- **Testing & Other:** Postman, Jest, GitLab, Bootstrap