

SUMMARY

Highly motivated software engineer with expertise in full-stack web development using MERN and PERN stacks. Passionate about building scalable applications and optimizing system performance.

EDUCATION

- Master’s in Software Engineering (Ingénierie Logicielle - IL)

College of Exact Sciences and Computer Science | LMD System | Ongoing (1st Year)

2024-present
- Bachelor’s in Computer Science

College of Exact Sciences and Computer Science | Graduated

2024
- High School Diploma

Succeeded in the final exam (Baccalauréat)

2020

PERSONAL PROJECTS

- Hasoubek Hardware Store Website

Designed an e-commerce platform with React.js and PostgreSQL.

2024-2025

 - Implemented advanced filtering and search functionalities.
 - Developed inventory and sales management features.
 - Integrated an admin dashboard for order tracking and analytics.
- Project-Management Tool

Developed a project management tool integrating Gantt charts and PERT analysis.

2025

 - Implemented Gantt chart visualization for project timelines and task dependencies.
 - Integrated PERT analysis to calculate critical paths.
 - Developed an interactive task management system with add, edit, and delete functionalities.
- ChifaKids - Pediatric Medical Records Management

Developed a software solution for pediatric clinics to manage medical records efficiently.

2023-2024

 - Implemented secure storage and encryption for patient data.
 - Automated appointment scheduling and reminders.
 - Designed an intuitive interface for doctors and medical staff.
 - Enabled generation of medical prescriptions and reports.
- Mourassil - Digital School Communication System

Created a digital platform to improve communication in Algerian middle and high schools.

2024

 - Implemented student performance tracking, attendance management, and scheduling features.
 - Developed a role-based user management system for administrators, teachers, students, and parents.
 - Integrated a messaging and notification system for better communication between stakeholders.
 - Technology Used: PHP, MySQL, Tailwind CSS.

TECHNICAL SKILLS AND INTERESTS

Languages:C, Java, JavaScript, TypeScript

Front-end: HTML, CSS, Tailwind CSS, React.js, Zustand, Redux & Redux Toolkit, ShadCN

Back-end: Node.js, Express.js, Socket.io, JWT

Database Management: PostgreSQL, MySql, Sequelize, MongoDB, mongoose

Tools & Platforms: Git, GitHub, Vite

Other Skills: Authentication, Algorithms & Data Structures, Real-time Communication

LANGUAGES

- Arabic (Native).
- French (Fluent).
- English (Proficient).