



Achraf MALKI

Computer Engineering Student
Aspiring Full Stack Developer

✉ achrafmalki.eng@gmail.com

☎ +212 704349444

📍 Rabat – Morocco

🌐 Achraf Malki

🔗 ashurafuo4

ABOUT ME

I am a third-year Computer Engineering student at the Moroccan School of Engineering Sciences (EMSI) with a strong passion for software and web development. I specialize in MERN and Laravel technologies, with hands-on experience managing academic and personal projects. My goal is to develop scalable, high-performance applications while enhancing my expertise in backend development, TypeScript, and database management.

EDUCATION

Engineering Degree in Computer Engineering (Master's Equivalent)

Moroccan School of Engineering Sciences (EMSI)

2022 – 2027 | Rabat, Morocco

Baccalaureate in Physical Sciences (BIOF)

Grade: 15.31 | 2022

ACTIVITIES

Certifications: Certified by Harvard University for CS50 (Introduction to Computer Science) & Databases with SQL, along with 10+ other certifications from (Meta, IBM and others...) in various IT and development domains.

Hackathon: Confirmed participation in SalamHack (March 14 – March 20, 2025).

Student Clubs:

- Active member of the Google Developer Students Club (GDSC) at EMSI Rabat.
- Member of the AI Nexus Club at EMSI Rabat.

Competitive Programming: Problem-solving on platforms such as Codeforces and LeetCode.

Continuous Learning: Passionate about staying up-to-date with the latest technologies.

ACADEMIC & PERSONAL PROJECTS

- C++

Store Manager: Software for managing stock and products.

Banking Application Simulation: Management of client accounts and transactions.

Library Manager: Application for tracking books, loans, and members.

- MERN Stack

LibroSync (2025): RESTful Node.js API with Express, JWT, and Axios for book and review management, authentication, and admin/user privileges.

Nwitat (2024): A web application for managing personal notes.

Features: Note creation, modification, and deletion using RESTful APIs.

Frontend: React.js | Backend: Express.js, MongoDB.

- React.js

Personal Portfolio: An interactive website showcasing my skills, projects, and experiences.

- Laravel

EchoHive (Blog Web App): User management system with posts and profiles.

Task Manager: Task management application with authentication features.

- Native JavaScript

Blady Awaits: An interactive album encouraging tourists to visit Morocco.

- PL/SQL & PHP

Business Manager: Management of employees, clients, orders, products, and inventory in an Oracle database.

RoomEase (Conference Room Reservation App): PHP PDO-based reservation system with authentication and conflict management.

ONGOING PROJECTS

- **Advanced Portfolio:** UI/UX improvements and additional features.
- **CashAura (Java, MySQL, JavaFX):** Banking App with a secure transaction management system.
- **Organized Travel Web Application (MERN):** Platform for managing and booking group trips.
- **Blog Web Application (Laravel):** Content management system with authentication.
- **LibroSync:** Adding persistent database storage and a React frontend.

SKILLS

Programming Languages: Java, Python, C, C++, PL/SQL, SQL, JavaScript, TypeScript, PHP.

Frameworks & Libraries: React.js, Laravel, Express.js, Node.js

Databases: Oracle 19c, MySQL, MongoDB.

Methodologies: Object-Oriented Programming (OOP), N-Tier architecture, SOLID principles, design patterns.

Tools: Git, GitHub, Postman, UML, Merise.

Languages: Arabic (Native), French (Fluent), English (Fluent).

CAREER OBJECTIVES

- Build innovative and scalable software solutions using modern web and software technologies.
- Continuously enhance my expertise in backend development, database optimization, and cloud technologies.
- Develop high-performance applications that solve real-world problems efficiently.
- Contribute to dynamic teams and collaborate on impactful projects in web and software development.