



**Achraf MALKI**

**Computer Engineering Student | Full Stack Developer | Seeking a PFA Internship**

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**Portfolio:** <https://achrafmalki.netlify.app/>

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## ABOUT ME

I am a curious and versatile third-year student in Computer and Network Engineering at EMSI, currently seeking a Final Year Project (PFA) internship to apply my skills in a professional setting. Passionate about full stack web and software development, I specialize in the MERN stack, Django, Laravel, C++, Java, as well as Oracle (PL/SQL) and SQL Server (T-SQL) databases. I continuously explore artificial intelligence, advanced databases, and emerging technologies. I particularly enjoy solving complex problems and designing high-performance, scalable applications with real-world impact.

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## EDUCATION

### Engineering Degree in Computer Science (Master's Equivalent)

EMSI – Moroccan School of Engineering Sciences

Rabat, Morocco | 2022 – 2027

### High School Diploma in Physical Sciences (*French Option – BIOF*)

2022 | Grade: 15.31 / 20

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## TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, JavaScript, TypeScript, PHP, SQL, PL/SQL, T-SQL
  - **Frameworks & Libraries:** React.js, Django, Laravel, Express.js, Node.js, Bootstrap
  - **Databases:** Oracle 19c, SQL Server, MySQL, MongoDB
  - **Tools:** Git, GitHub, Postman, UML
  - **Methodologies:** OOP, SOLID principles, design patterns, data modeling (Conceptual, Logical, Physical)
  - **Languages:** French (Advanced), English (Advanced), Arabic (native), Spanish (Beginner)
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## PROJECTS

- **Cashaura (*Java, MySQL, Swing*):** Modern banking application with authentication, account management, transactions (transfer, deposit, withdrawal), and beneficiary management.
  - **NomadAI (*MERN Stack*):** AI-powered Moroccan travel guide offering personalized recommendations.
  - **ListoApp (*Django, React, MySQL*):** Classified ads platform with user accounts, categories, and image management.
  - **Journeo (*Django, Bootstrap, MySQL*):** Comprehensive travel program organizer featuring activity management, PDF report generation, domain administration, and user authentication system.
  - **LibroSync (*MERN Stack*):** RESTful API for managing books and reviews, with integrated authentication.
  - **Roomease (*PHP & Bootstrap*):** Web app for managing corporate meeting room bookings
  - **Enterprise Manager (*PL/SQL*):** Application for managing employees and inventory.
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## EXPERIENCE & ACTIVITIES

- **Certifications:** 19 certifications earned from world-renowned institutions and platforms such as *Harvard, EPFL, École Polytechnique, The Hong Kong University of Science and Technology, University of Michigan, IBM, Meta, edX, Udemy, Sololearn*, etc.  
**Fields:** *Web development (React, Node.js, Laravel, JavaScript, PHP), object-oriented programming (Java, C++), databases (SQL, PL/SQL), design patterns, Linux, cloud computing, and artificial intelligence.*
- **Hackathons:** Participant in SalamHack 2025 & MLH Global Hack Week.
- **Student Clubs:** Active member of the Google Developer Student Club (GDSC) and the AI Nexus club at EMSI Rabat.
- **Competitive Programming:** Problem solving on Codeforces and LeetCode.