



HAMZA EL ALOUI

SOFTWARE ENGINEERING

CONTACT



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Morocco, Marrakech

SKILLS

- **Development:** Spring, PHP, C#, React, Flutter, Node.js, Laravel, HTML, CSS, Java, JSON, WPF, TypeScript
- **Databases:** Oracle, MySQL, Supabase
- **Design and Modeling:** UML
- **Tools:** Trello, Git, VSCode, IntelliJ, Visual Studio, Android Studio, GitHub, XAMPP, Eclipse, SQL Server, Laragon, phpStorm, Azure DevOps, WebStorm
- **DevOps & Cloud:** Docker, Git/GitHub, CI/CD, Azure DevOps, Kubernetes, OpenShift, Cloud Computing

EDUCATION

- **2023-2025:** 5th year Computer Engineering and Networks, MIAGE option Ecole Marocaine des Sciences de l'Ingénieur (EMSI), Marrakech
- **2021-2022:** Bachelor's in Distributed Computer Systems Faculty of Sciences and Techniques, Marrakech
- **2018-2021:** Diploma of Scientific and Technical University Studies (MIPC) Faculty of Sciences and Techniques, Marrakech

CERTIFICATIONS

- **Udemy:** ReactJs, ReactQuery, Supabase, Styled Components
- **Udemy:** Laravel Course
- **Coursera:** Programming with JavaScript
- **Coursera:** Introduction to Java and Object-Oriented Programming
- **Oracle (In Progress):** Oracle Database Administration
- **Coursera:** Introduction to Agile Development and Scrum
- **Coursera:** Introduction to Cloud Computing
- **Coursera:** Introduction to DevOps
- **Honoris:** Social skills
- **Honoris:** Entrepreneurial skills

SOFT SKILLS

Teamwork, Time management, Analytical thinking, Creativity and initiative, Learning ability

INTERESTS:

Football, Chess, Travel

PROFILE

5th-year computer engineering student at EMSI (Ecole Marocaine des Sciences de l'Ingénieur) in Marrakech, passionate about programming with solid technical experience. Seeking a 6-month internship to apply and expand software engineering skills in a professional environment

PROFESSIONAL EXPERIENCE

Backend Developer Intern

AliDanTek

July 2024 - September 2024 (2 months)

- Worked on projects involving Crew AI and Django frameworks
- Gained practical experience in applying artificial intelligence concepts and web development using Python

Full Stack Intern

eWebSolutionKech

End of Year Project | 2022 - 2023 (2 months)

- Designed and developed a mobile application for an electronic wallet using Laravel, Flutter
- Participated in conception phase, contributing to functional and technical specifications
- Implemented key features for secure and intuitive financial transaction management

ACADEMIC PROJECTS

Travel Reservation System Technologies: Spring Boot, React, TypeScript, Flutter, Dart, Docker, Scrum, Tailwind, UML, MySQL

- Developed a comprehensive platform for booking flights, hotels, and activities
- Implemented advanced search, price comparison, and secure payment processing
- Created responsive web and mobile interfaces using React and Flutter

Smart Parking System Technologies: React.js, Generative AI, Spring Boot

- Created an intelligent parking management solution with real-time availability
- Integrated AI for demand prediction and computer vision for license plate recognition
- Developed React.js frontend and Spring Boot backend with scalable database

Hotel Management Website Technologies: React.js, Supabase, TailwindCSS

- Designed a user-friendly hotel management system with real-time booking
- Utilized Supabase for backend services and TailwindCSS for responsive UI

E-commerce Web Application Technologies: Laravel, PHP, JavaScript, MySQL

- Built an online shopping platform with product catalog, shopping cart, and user accounts
- Integrated secure payment gateway and order management system

LANGUAGES

Arabic: Native

English: Intermediate

French: Intermediate