

OMAR SOUSSI

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Professional Summary

Final-year PFE student at ISET Mahdia, specializing in Information Systems Development. Proficient in full-stack development, AI/ML applications, and IT support. Delivered projects reducing operational costs. Eager to leverage technical expertise in innovative environments to drive measurable results.

Education

Bachelor's in IT Systems Development

Expected 2026

ISET Mahdia, Tunisia

- Ranked among top students in the program.

Skills

- Programming:** Java, Python, C, C#, JavaScript, PHP, SQL (MySQL, PostgreSQL, PL/SQL)
- Frameworks & Libraries:** Spring Boot, Angular, React, React Native, Flask, Django, C# MAUI
- AI/ML:** OpenAI, Transformers, Scikit-learn, TensorFlow, NumPy, PyTorch
- Tools:** Git, GitHub, Jenkins, Ansible, Jira, Docker, DevOps, Hadoop, Figma, Photoshop, Google Cloud
- Networking & Messaging:** Broker creation using MQTT, WebSocket, gRPC, and HTTP.
- Software Engineering:** SOA, Software Testing (ISTQB), Agile Scrum
- Soft Skills:** Problem-Solving, Teamwork, Trilingual (English, French, Arabic)

Experience

Freelance Software Developer & Designer

Jun 2024 – Present

Online

- Designed and delivered 10+ websites and applications using HTML, CSS, JavaScript, and frameworks like React, increasing client engagement.
- Created custom UI/UX designs for branding with Figma and Adobe XD, enhancing customer satisfaction.
- Managed client communications and project deadlines in Agile environments, achieving 100% on-time delivery for 15+ projects.

Software Developer & IT Help-Desk

Jul 2025 – Present

Mahdia Palace Hotel, Mahdia, Tunisia

- Built an AI-powered hotel energy system using Python, TensorFlow, and Angular, reducing energy costs through predictive analytics.
- Provided IT support for 400+ staff and guests, maintaining response times, resolving issues on first contact.
- Configured Wi-Fi and network systems across 5 floors, improving connectivity reliability.

Full-Stack Developer Intern

Jan 2025 – Feb 2025

Mahdia Palace Hotel, Tunisia

- Developed an Angular + Python + MySQL hotel intervention system, reducing staff response through automated workflows.
- Automated task assignments using machine learning algorithms, improving workflow efficiency and handling 50+ daily interventions.

IT Intern

Jan 2024 – Feb 2024

Smartech Mahdia, Tunisia

- Created a dynamic website and management system using HTML, CSS, JavaScript, PHP, MySQL, and C, boosting client management efficiency.
- Designed UI/UX and branding using Figma and Adobe XD, increasing user engagement based on feedback metrics.

Projects

AI Task Manager

- Django + React Native app for AI-assisted task and sprint management following Scrum methodology.
- GitHub and Jenkins integration with automatic updates from commits, build results, and pipeline statuses.
- AI identifies build/code issues, detects task blockers, and suggests fixes or next steps.
- Includes an AI CV analyzer to evaluate candidate fit for roles.
- Docker-based deployment for consistent environments.

Android Volunteering App

- Java Android app connecting volunteers with organizations and people in need, facilitating 100+ matches in simulations.

Online Learning Platform

- Angular/Spring Boot/PostgreSQL platform with AI features, improving user engagement via personalized recommendations.

Metro App

- Secure ticketing system with role-based access using Java, Spring Boot, and PostgreSQL, handling 1,000+ simulated transactions.

Checkers Game (Java)

- Built a checkers game with AI opponent using Minimax algorithm for strategic gameplay.

LinkHub-App

- Angular + Firebase social platform for developers to share projects and collaborate, supporting 50+ user interactions in testing.