

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%

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 and 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 time 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

Tunisian Economic Analysis Dashboard

- Learning-focused project using **Python**, **Streamlit**, and ML (non-official due to partial datasets).
- Interactive analysis of sector trends, inflation/CPI, and real estate with **5 forecasting models**.
- Modular, production-ready pipeline with an **AI chatbot** supporting bilingual (Arabic/French) voice queries.

AI Task Manager

- Django + React Native app for AI-driven task and sprint management (Scrum-based).
- GitHub/Jenkins integration with AI detection of build issues, blockers, and fix suggestions.
- Includes AI CV analyzer; deployed using Docker.

Flutter Smart Shopping & Object Detection App

- Flutter app using computer vision for product object detection.
- Identifies similar products in the Tunisian market with integrated AI chatbot and wishlist.
- AI inference powered by **Hugging Face**.

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iOS Education Task Manager

- Native iOS application developed using **Swift**.

- Helps students manage educational tasks and deadlines.

iOS Internet Downloader App

- Swift-based iOS application for managing and downloading files from the internet.
- Supports background downloads and file organization.

Android Volunteering App

- Java Android app connecting volunteers with organizations and people in need.

Online Learning Platform

- Angular/Spring Boot/PostgreSQL platform with AI features and personalized recommendations.

Metro App

- Secure ticketing system with role-based access using Java, Spring Boot, and PostgreSQL.

Checkers Game (Java)

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

LinkHub-App

- Angular + Firebase social platform for developers to share projects and collaborate.