

YOUSSEF MEJRI

Computer Science Graduate & AI Enthusiast

Mahdia / Tunis, Tunisia | +216 50 453 818 | youssef.mejri.cs@gmail.com | youssefmejri.me | [LinkedIn: youssef-mejri-cs](https://www.linkedin.com/in/youssef-mejri-cs)
| [GitHub: YoussefMejriCs](https://github.com/YoussefMejriCs)

PROFILE

Computer Science graduate with hands-on experience delivering production-ready full-stack applications and a strong, self-directed interest in Artificial Intelligence and Machine Learning. Skilled in building end-to-end systems using React.js, Django REST Framework, and PostgreSQL, with practical experience integrating AI components such as LLM-based chatbots and semantic search. Strong problem-solving ability, fast learner across technology stacks, and an entrepreneurial mindset.

EDUCATION

Higher Institute of Computer Science (ISIMA) - Mahdia

2023 - 2026

Bachelor's Degree in Computer Science

- Graduated 2025-2026.
- Coursework: Software Engineering, Algorithms, Data Structures, Databases, Artificial Intelligence Fundamentals.

WORK EXPERIENCE

COFAT (Automotive Wiring Manufacturer) - Full-Stack Developer Intern

2025 - 2026

End-of-Study Internship (Stage PFE)

- Developed COFAT-PMS, a full-stack web-based production and quality management system for the company's factory floor operations.
- Implemented the frontend with React.js and the backend with Django REST Framework, using PostgreSQL for data storage and JWT for authentication.
- Built an AI chatbot powered by LLaMA 3.3 70B (via Groq API) with semantic search functionality using Sentence-BERT embeddings.
- Delivered the system across 6 Agile sprints, covering modules for production tracking, quality control, and reporting.

Bmerce - Web Developer (React.js)

2024

- Developed and improved user interfaces for web applications using JavaScript and React.js.

PROJECTS

COFAT-PMS - Factory Production & Quality Management System

- Full-stack web application built with React.js, Django REST Framework, PostgreSQL, and JWT authentication.
- Integrated an AI chatbot (LLaMA 3.3 70B via Groq API) and a semantic search engine (Sentence-BERT).

House Price Prediction

- Built an interactive Streamlit application predicting real estate prices using a trained Scikit-Learn machine learning model.
- Technologies: Python, Scikit-Learn, Streamlit.

Titanic Survival Prediction

- Performed data cleaning, exploratory data analysis (EDA), and built a Linear Regression model on the Titanic dataset.
- Technologies: Python, Pandas, Scikit-Learn, Streamlit.

Goutina - Food Delivery Mobile App (UI/UX)

- Designed a complete mobile application prototype including user flows, wireframes, and interactive UI components.
- Tool: Figma.

NMS Social Network - Product Design

- Designed a concept for an anti-exploitation social media platform featuring an ethical user-reporting system.
- Tool: Figma.

VOLUNTEERING

Microsoft ISIMa Club - Organization Department Member

2024

- Planned and managed events and workshops on AI, Data Science, and Soft Skills.
- Collaborated with universities to promote innovation among students.

SKILLS

Data Science & AI: Python, Scikit-Learn, PyTorch (learning), TensorFlow (learning), Pandas, NumPy, Data Cleaning, Data Visualization

Web Development: React.js, Django REST Framework, JavaScript, HTML/CSS, PostgreSQL

AI Tools: Claude AI, ChatGPT, Gemini, Zed AI, OpenCode (professional use for coding workflows)

Dev Tools: Git, GitHub, VS Code, Terminal / CLI, Postman
Design & Database: Figma, Canva, SQL, MySQL, MongoDB

LANGUAGES

Arabic: Native
English: Advanced (C1)
French: Intermediate (B1)
German: Beginner (A1)

CERTIFICATIONS

Python Data Associate Certification - DataCamp

October 2025