



SFAR ADAM

SOFTWARE ENGINEER

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📍 Germany, Cöllbe

PROFIL

Engineering Student | Software Developer | AI & DevOps Enthusiast

4th Year Engineering Student in Tunis with a passion for software development, AI, and system monitoring. Experienced in creating full-stack applications, implementing DevOps practices, and developing AI models for anomaly detection. Skilled in various programming languages, frameworks, and monitoring tools, with a strong foundation in RESTful API development and data analysis.

FORMATION

CERTIFICATION MERN STACK

SQLCO, INDIA

2024

CERTIFICATION WEBMASTER

IEEE ESPRIT STUDENT BRANCH

2023

BACHELOR'S DEGREE IN MATHEMATICS

Sadikia's college

2021

EXPERIENCE

VICE-CHAIRMAN – IEEE COMPUTER SOCIETY

Esprit, Tunis | 2024-Now

As vice chair, my role involved supporting new members throughout challenges and codes, and leading workshops and meetings on problem-solving, AI and cyber security.

WEB AND AI DEVELOPEUR INTERN

VERMEG, Tunis | July 2025-August 2025

I manage and lead tasks in a group to create a task management system powered by AI and a chatbot. I also integrate it with Slack for communication and other features.

WEB AND API CALLS DEVELOPER INTERN

IEEE&Orange ODC, Tunis | June 2025 - Sept 2025

I was on the front-end team, responsible for finding an API for flight details and integrating it with the event manager alongside the rest of the team.

PROJECT MANAGER-IEEE COMPUTER SOCIETY

Esprit, Tunis | Oct 2023-Oct 2024

Lead workshops and tutorials on various topics and teach them to new IEEE members, such as quantum computing, web, AI, GitHub and problem solving.

EXPERTISE

- Advanced algorithmic analysis and mathematical modeling
- Python programming and AI model development
- Data processing and visualization (Grafana, InfluxDB, Telegraf)
- Cloud architecture with Docker
- Quantum computing fundamentals and Qiskit programming

PROJECT

- AI MODELS FOR PREDICTIVE MAINTENANCE & ATTACK DETECTION
- RESTFUL API DEVELOPMENT FOR DATA INTEGRATION
- FULL-STACK DEVELOPMENT OF WEB APPLICATIONS
- MONITORING AND DATA VISUALIZATION PLATFORM
- OPTIMIZED AI MODEL FOR IMAGE MODIFICATION DETECTION