



Mechri Refka

Final-year Software Engineering student with a passion for creative problem solving and efficient software design. Seeking a summer internship to apply and strengthen my skills in innovative development, user-centric solutions, and technology-driven impact.



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Monastir, Tunis

Education

Higher Institute of Computer Science and Mathematics of Monastir (ISIMM) – Monastir, Tunisia

Engineering Cycle – Software Engineering

Currently in 2nd year | 2023 – Present

Integrated Preparatory Cycle – Mathematics and Computer Science

2021 – 2023

Internships

Full-Stack Developer Intern

PROXYM – IT- Sousse

june – July

- Built CoreAssurance, a web platform to manage clients, agencies, quotes, contracts, and insurance payments.
- Developed both frontend and backend to ensure smooth operation and an easy-to-use interface.

Full-Stack Development of a Medical AI Platform Intern

Lab_Tim Laboratory – Faculty of Medicine, Monastir

Jul – Sep 2024

- Developed Medical Vision, a web-based platform for machine learning workflows on medical tabular data.
- Enabled users to manage projects, import datasets, preprocess data, train models, and compare results.
- Implemented graphical visualizations to help users understand dataset features and model performance.

Data Engineering Intern

TaDa Startup – Monastir

Jun 2024

- Extracted, structured, and processed a large-scale Arabic-language tabular database from diverse sources.
- Automated data collection and preprocessing workflows, improving efficiency and accuracy.

Certifications

Generative AI with Diffusion Models – NVIDIA

April, 2025

Fundamentals of Deep Learning – NVIDIA

September, 2024

Exploratory Data Analysis for Machine Learning– IBM

March, 2024

Competitions & Achievements

Entrepreneur Initiator Status – Pôle Étudiant Entrepreneur de l'Université de Monastir

Mar 2025

Twice Night Challenge – National Winner

Oct 2025

Nuit de l'Info – International Winner, Ymoji Challenge

Dec 2024

Technical skills

Programming & AI: Python (TensorFlow, Keras, Scikit-learn, OpenCV), Java, C++, C

Data Engineering & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Apache Spark, Hadoop

Web & Backend Development: React, Flask, MySQL, Electron.js, Express.js, PostgreSQL

Machine Learning & Deep Learning: Predictive modeling, medical image processing, time-series analysis

DevOps & CI/CD: Git Bash, GitHub Actions, GitLab, Jenkins, Docker, Docker Hub, Kubernetes

Cloud & Deployment: AWS (basic services & deployment), container orchestration

Extracurricular Activities

IEEE Member – Active participant in technical and professional events

Jan 2024-Jan 2025

Led the technical challenge at National SIGHT Day Congress 2025 (specs, goals, evaluation) and won 1st national prize in IEEE SMC & EdSoc Challenge 2023.

Languages

English – Basic

French – Fluent

Arabic – Native