



FEDI HMIDA

Software Engineering Student



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Tunis, Tunisia



fedi-hmida

EDUCATION

Software Engineering Degree

Private Higher School of Engineering & Technology (ESPRIT)

Currently Enrolled

Bachelor's Degree in Computer Engineering

Higher Institute of Computer Science of Mahdia, Tunisia

Graduated: 2024

SKILLS

• Mobile Development

Flutter, Android Studio

• Web Development

HTML5, CSS3, JavaScript, Symfony

• AI & ML

YOLO, Computer Vision (for object detection tasks)

• Databases

MySQL

• Project Management

Scrum, Kanban, Scrumban

• Leadership

LANGUAGE

- English
- Arabic
- French

PROFILE

A passionate Software Engineering student at ESPRIT, holding a Bachelor's in Computer Engineering, with expertise in mobile app development using Flutter, as demonstrated in projects like the SolarFlow App. Skilled in web development with Symfony and recognized for being a proactive learner focused on delivering impactful solutions.

PROFESSIONAL EXPERIENCE

Msign

February 2024 - June 2024

Final Year Project Internship

- Developed an energy monitoring and control system for solar-powered devices to optimize solar energy use.
- Built the SolarFlow app in Flutter to track energy production and manage connected devices in real-time.

Addinn Group

July 2025 - september 2025

- Developed a custom YOLO-based deep learning model and API for automated vehicle damage detection to streamline insurance claims; integrated AI modules for damage analysis and fraud detection.
- Built a cross-platform Flutter app enabling users to submit claims, upload evidence, and track claim progress in real-time; ensured a modular and scalable architecture across mobile and web.

PROJECTS

SmartClaim – AI-Powered Insurance Claim App

- Engineered a cross-platform Flutter app allowing users to easily report car accidents, attach multimedia evidence, and monitor claim progress through a real-time interface.
- Designed and trained a YOLO-based object detection model to localize vehicle damage in images, integrated into a responsive system backed by AI for automated claim processing and validation.

Onboardify – Smart Employee Onboarding Platform

- Contributed to the design and development of a hybrid onboarding solution with a JavaFX desktop application and a Symfony web application.
- Implemented personalized onboarding flows, gamification elements, real-time dashboards, and integrated communication between HR, managers, and new hires.

SolarFlow App

- Developed a user-friendly mobile application using Flutter for monitoring and controlling solar-powered devices. Enabled real-time energy
- Enabled real-time energy production tracking, device control, and efficient renewable energy management

VOLUNTEERING

Treasurer, IEEE ESPRIT Student Branch

- Manage financial planning, budgeting, and expense tracking to support branch activities.