

Hend HAMDI *Master's Student in Open Source Software Engineering*

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 Ariana, Tunisia

 linkedin

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 Portfolio

PROFILE SUMMARY

Master's student in Open Source **Software Engineering** at **ISI Ariana (UVT)**, currently seeking a **final-year internship**. Web developer focused on modern architectures, integration of Machine Learning solutions, with MLOps and DevOps practices.

PROFESSIONAL EXPERIENCE

Innov Alliance Tech, Summer Internship

- Designed and developed the user interface of an interactive analytics dashboard for real-time monitoring of R&D projects.
- Contributed to the UI/UX design and development of a mobile application for locating electric vehicle charging stations.

Jun 2025 – Jul 2025

Tunis, Tunisia

Technologies: Angular, TypeScript, React Native, Expo, Figma

Ooredoo Head Office, Final-Year Internship

- Co-designed and developed (in pairs) a mobile application for managing meeting room reservations, including an administrative dashboard.

Feb 2024 – May 2024

Tunis, Tunisia

Technologies: React, Redux, JavaScript, API Rest, PostgreSQL, Redis, Figma

STAR Head Office, Advanced Internship

- Participated in the design and development of client, expert, and admin interfaces for a communication platform between experts and clients.

Jul 2023

Tunis, Tunisia

Technologies: HTML/CSS, JavaScript, Firebase

EDUCATION

Master's Degree in Software Engineering, ISI Ariana, UVT

Present

Specialization in Open Source Software Engineering

Ariana, Tunisia

Bachelor's Degree in Computer Systems Engineering, ISTIC

2024

Specializing in Embedded Systems and the Internet of Things (IoT)

Borj Cedria, Tunisia

Baccalaureate, Rafaha Mnihla High School

2021

Experimental Sciences

Ariana, Tunisia

ACADEMIC & PERSONAL PROJECTS

PastaQuest – DevOps Web Application

Dec 2025

Web application for online reservations and menu browsing, deployed using a DevOps pipeline.

Technologies: React.js, Node.js, Express, MongoDB, CSS, Docker, Kubernetes, CI/CD, Azure

SmartDate IoT – Real-Time Classification System

Dec 2025

Real-time classification of Deglet Nour dates using Transfer Learning and an IoT pipeline.

Technologies: Python, TensorFlow, YOLOv8, MQTT, Node.js, MongoDB, React.js

Academic Management – JavaFX Application

Jan 2025

Desktop application for managing teachers and academic schedules.

Technologies: JavaFX, MySQL, CSS, FXML

Personal Portfolio – Full-Stack Web Application

Dec 2024

Personal website showcasing projects, skills, and experience.

Technologies: React.js, Node.js, Express.js, JavaScript, CSS, Docker

TECHNICAL & SOFT SKILLS

Programming Languages: Python, Java, JavaScript, C, C++

Web & Mobile Development: React.js, React Native, Node.js, Angular, JavaFX, HTML/CSS

Databases: MySQL, MongoDB, PostgreSQL, Firebase

DevOps & Tools: Git, Docker, Kubernetes, CI/CD, Azure, VS Code, Android Studio, Figma, Canva

AI & Data Processing: Machine Learning, Deep Learning, PySpark, Spark NLP, Transfer Learning

Methods & Concepts: UI/UX Design, UML, Scrum, ISTQB, Open Source Contribution

Soft Skills: Communication, Teamwork, Autonomy, Creativity, Organizational Skills

LANGUAGE SKILLS

Arabic
Native

French
Advanced

English
Intermediate