

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

- R&D Analytics Dashboard – Designed and developed a user interface for an interactive dashboard to monitor R&D projects in real-time.
- EV Charging Mobile App – Contributed to the UI/UX design and development of a mobile app for locating electric vehicle charging stations.

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

Jun 2025 – Jul 2025

Tunis, Tunisia

Ooredoo Head Office, Final-Year Internship

- Co-designed and developed (in pairs) a mobile application to manage meeting room reservations with an admin dashboard.

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

Feb 2024 – May 2024

Tunis, Tunisia

STAR Head Office, Advanced Internship

- Participated in designing and developing client, expert, and admin interfaces for a communication platform between experts and clients.

Tech: HTML/CSS, JavaScript, Firebase

Jul 2023

Tunis, Tunisia

EDUCATION

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

Software Engineering - Open Source

Present

Ariana, Tunisia

Bachelor's Degree in Computer Systems Engineering, ISTIC

Specializing in Embedded Systems and the Internet of Things IOT

2024

Borj Cedria, Tunisia

Baccalaureate, Rafaha Mnihla High School

Experimental Sciences

2021

Ariana, Tunisia

ACADEMIC & PERSONAL PROJECTS

PastaQuest – DevOps Web Application

Dec 2025

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

Tech: ReactJS, Node.js, Express, MongoDB, CSS, Docker, Kubernetes, CI/CD, Azure

SmartDate IoT – Real-Time Classification

Dec 2025

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

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

Academic Management – JavaFX Application

Jan 2025

Desktop application to manage teachers and class schedules.

Tech: JavaFX, MySQL, CSS, FXML

Personal Portfolio – Full-Stack Web Application

Dec 2024

Personal website to present skills, projects, and experiences.

Tech: ReactJS, 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