

# Hend HAMDI

Master's Student in Open Source Software Engineering

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📍 Ariana, Tunisia

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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

<b>Innov Alliance Tech, Summer Internship</b> <ul style="list-style-type: none"><li>R&amp;D Analytics Dashboard – Designed and developed a user interface for an interactive dashboard to monitor R&amp;D projects in real-time.</li><li>EV Charging Mobile App – Contributed to the UI/UX design and development of a mobile app for locating electric vehicle charging stations.</li></ul> <i>Tech: Angular, TypeScript, React Native, Expo, Figma</i>	Jun 2025 – Jul 2025 Tunis, Tunisia
<b>Ooredoo Head Office, Final-Year Internship</b> <ul style="list-style-type: none"><li>Co-designed and developed (in pairs) a mobile application to manage meeting room reservations with an admin dashboard.</li></ul> <i>Tech: React, Redux, JavaScript, API Rest, PostgreSQL, Redis, Figma</i>	Feb 2024 – May 2024 Tunis, Tunisia
<b>STAR Head Office, Advanced Internship</b> <ul style="list-style-type: none"><li>Participated in designing and developing client, expert, and admin interfaces for a communication platform between experts and clients.</li></ul> <i>Tech: HTML/CSS, JavaScript, Firebase</i>	Jul 2023 Tunis, Tunisia

## EDUCATION

<b>Master's Degree in Software Engineering, ISI Ariana, UVT</b> Software Engineering - Open Source	Present Ariana, Tunisia
<b>Bachelor's Degree in Computer Systems Engineering, ISTIC</b> Specializing in Embedded Systems and the Internet of Things IOT	2024 Borj Cedria, Tunisia
<b>Baccalaureate, Rafaha Mnihla High School</b> Experimental Sciences	2021 Ariana, Tunisia

## ACADEMIC & PERSONAL PROJECTS

<b>PastaQuest – DevOps Web Application</b> Web app for menu browsing and online reservations, deployed using a DevOps pipeline. <i>Tech: ReactJS, Node.js, Express, MongoDB, CSS, Docker, Kubernetes, CI/CD, Azure</i>	Dec 2025
<b>SmartDate IoT – Real-Time Classification</b> Real-time classification of Deglet Nour dates using Transfer Learning and an IoT pipeline. <i>Tech: Python, TensorFlow, YOLOv8, MQTT, Node.js, MongoDB, React</i>	Dec 2025
<b>Academic Management – JavaFX Application</b> Desktop application to manage teachers and class schedules. <i>Tech: JavaFX, MySQL, CSS, FXML</i>	Jan 2025
<b>Personal Portfolio – Full-Stack Web Application</b> Personal website to present skills, projects, and experiences. <i>Tech: ReactJS, Node.js, Express.js, JavaScript, CSS, Docker</i>	Dec 2024

## 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

<b>Arabic</b> Native	<b>French</b> Advanced	<b>English</b> Intermediate
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