

Nadine Mouadhen

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PROFILE

Third-year Computer Systems Engineering student specializing in IoT and Embedded Systems, with strong skills in web development, programming, and smart technologies. Passionate about connected devices and innovative solutions.

SKILLS

Programming Languages: Python | C | Java | JavaScript | PHP | HTML/CSS | VHDL

Frameworks & Libraries: Spring Boot | Angular | ReactJS | Flask | Flutter

Databases: MySQL | Oracle | MongoDB | Firebase

IoT & Embedded Tools: Arduino | ESP32 | EasyEDA | Fritzing | Packet Tracer

Tools & Platforms: Git | GitHub | Microsoft Office (Word, Excel, Access, PowerPoint) | Android Studio

PROFESSIONAL EXPERIENCE

Embedded Systems Intern

07/2025 – 08/2025

Jobgate

Sousse, Tunisia

- Developed a smart home system using ESP32, sensors, actuators, and Flutter.
- Integrated facial recognition and managed automation rules via Firebase.

Full Stack Developer Intern

06/2025 – 07/2025

Elite Council Consulting – Remote

- Built a quiz generator with question creation, scoring, and attempt tracking.
- Developed REST APIs with Flask and frontend with ReactJS.

Web Application Developer Intern

07/2024 – 08/2024

Jobgate

Sousse, Tunisia

- Developed a stock management web app with CRUD, alerts, and statistics.
- Built backend with Spring Boot, frontend with Angular, and managed SQL database.

EDUCATION

Bachelor's Degree in Computer Systems Engineering (IoT & Embedded Systems)

09/2023 – 06/2026

Higher Institute of Computer Science and Communication Technologies (ISITCom)

Sousse, Tunisia

PROJECTS

Mobile Event Management App (Android – Java)

04/2025

Attendance tracking, participant list, and multi-screen navigation.

Rental Web Platform (PHP, MySQL, HTML/CSS/JS)

02/2025

Full-stack app with authentication, listings, booking, and admin panel.

CERTIFICATES

- NVIDIA Certificate of Competency – Fundamentals of Deep Learning
- Full-Stack Development (Angular + Spring Boot)
- Embedded Systems
- Preparation for CP-FSD Certification
- Cisco – Fundamentals of Networking
- Participation – BTech ATAST Student Section (Largest Competition)
- Participation – Hackathon CTF “Red Room”

LANGUAGES

English (Fluent) • **French** (Fluent) • **Turkish** (Basic) • **Arabic** (Native)