



NOURHEN HAMZA

SOFTWARE ENGINEERING STUDENT PROFILE

Software engineering student passionate about web and software development. Seeking an internship to strengthen my development skills while exploring innovative projects integrating recent technologies such as conversational agents, machine learning, or artificial intelligence. Curious, diligent, and eager to learn, I thrive in dynamic and collaborative environments.

CONTACT



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<https://github.com/NourhenHamza>



Manar 1, Tunisie

EXPERTISE

- Web Development (React, Angular, Node.js, Laravel, Spring boot)
- Languages Python, JavaScript, TypeScript
- Databases: MongoDB, MySQL, PostgreSQL
- flutter
- AGILE, SCRUM, JIRA
- AWS, Azure, Docker
- TensorFlow, PyTorch, scikit-learn
- NLP

LANGUAGES

- English: Fluent
- French: Fluent
- Arabic: Native

EDUCATION

2nd Year Software Engineering

Faculty of Sciences of Tunis

2024-2025

Cycle Préparatoire intégré

Faculty of Sciences of Tunis

2021-2023

Baccalauréat Sciences Expérimentales

Ibn Sina High School, Mahdia | Honors with Distinction

2020-2021

L'EXPERIENCE PROFESSIONNELLE

Web & AI Developer Intern – INVEEP

Lac 2, Tunisia | Summer 2024-2025

- Contributed to developing a platform for managing the ecosystem between companies, universities, and students (internships, defenses, post-internship tracking).
- Participated in organizing university events and implementing public tests with an anti-cheating facial recognition system.
- Full-stack web applications (MERN) for automated notifications and email sending.

Web Developer Intern – NOVINANET

Monastir, Tunisia | Summer 2023-2024

- Developed a web-based delivery application using Laravel (PHP, MVC).
- Managed orders, tracked deliveries, and created responsive user interfaces.
- Implemented authentication, MySQL databases, and views with Blade.

PROJECTS

Skill-Based Matching Website (MERN)

A platform connecting employees with job positions based on their skills, developed with MongoDB, Express, React, and Node.js.

Intelligent Chatbot (Python, NLP (spaCy), Llama):

Developed a local chatbot capable of interacting with SQL and NoSQL databases to answer natural language queries.

Facial Recognition System

Developed a real-time facial recognition system to identify or verify individuals via camera.

License Plate Detection

Created an intelligent system to detect and automatically read license plates from images or videos.

ASSOCIATIVE EXPERIENCE

Hackathon Code2Create – 3rd Place

Nefel Education | Tunis

Member of IEEE CS Chapter

Faculty of Sciences | Tunis

Member of Google Developer Student Club (GDSC)

Faculty of Sciences | Tunis