

Jihed MEDINI

Full-Stack Engineering Student

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PROFILE

I am currently a computer engineering student seeking an internship for my final project in web development.

EDUCATION

National Engineering School of Carthage - ENICarthage <i>Engineering cycle in computer engineering</i>	Sep 2022 – present <i>Charguia II, Tunisia</i>
Higher Institute of Arts and Multimedia Manouba (ISAMM) <i>Bachelor in Computer Science: Data Analysis and Big Data</i>	Sep 2019 – Jun 2022 <i>Tunis, Tunisia</i>

PROFESSIONAL EXPERIENCE

Internship - OKR Strategic Management Platform with AI/LLM Integration <i>Naxxum</i>	Jul 2024 – Aug 2024 <i>Tunis, Tunisia</i>
<ul style="list-style-type: none">Development of the feedback section using SignalR to ensure real-time response.Automated task generation with AI LLM integration.Refinement and modernization of platform design.Worked on mail system integration features to ensure system reliability.Developed unit tests for each API to ensure reliability of the system. <p>Technologies: .Net 8, C#, Angular, PostgreSQL, SQL, SMTP, Azure DevOps, OpenAI, Flask, Git</p>	
End of Studies Project - Web Application for Recruitment Management <i>Naxxum</i>	Feb 2022 – Jun 2022 <i>Tunis, Tunisia</i>
<ul style="list-style-type: none">Design and development of APIs for a recruitment management application.Development of the application's monolithic architecture.Creation of the front-end interface using Angular.Implemented web scraping functionality to gather recruitment data.Conducted unit testing with xUnit.net to verify the functionality. <p>Technologies: .Net 6, C#, Angular, MongoDB, SendGrid, Flask, Swagger, xUnit.net, Scrum</p>	

ACADEMIC PROJECTS

Student Absence Management System <i>Angular, Spring Boot, JWT, AOP, JavaMail, JUnit</i>	Mar 2024 – Apr 2024
<ul style="list-style-type: none">Designed and implemented the application architecture using Angular for frontend and Spring Boot for backend following Clean Architecture principles.Developed session security functionalities with JWT to secure the sessions.Implemented Aspect-Oriented Programming (AOP) to handle cross-cutting concerns such as logging and security.Set up an automated notification system for student absences using JavaMail.Created unit tests with JUnit to guarantee reliability and robustness of the developed functionalities.	
Web Application for Student Management <i>Angular, ExpressJS, MongoDB, NodeJS</i>	Nov 2023 – Dec 2023
<ul style="list-style-type: none">Designed and implemented the application architecture using Angular for the frontend and NodeJS for the backend. Developed and implemented APIs for managing student data.	

SKILLS

Languages: Java, SQL, Python, TypeScript, JavaScript, HTML, CSS, C, C++, C#			
Technologies: Angular, Spring Boot, .NET, Docker			
Development Tools: Azure DevOps, Git			
Databases: MySQL, PL/SQL, MongoDB			
Other Skills: Algorithms, Data Structures, OOP, Problem Solving			

LANGUAGES

Arabic	Native	English	Bilingual
French	Bilingual	Spanish	Beginner

INTERESTS

• Problem Solving	• Music	• Video Games
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