

# 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

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

## PROFESSIONAL EXPERIENCE

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

## ACADEMIC PROJECTS

<b>Student Absence Management System</b> <i>Angular, Spring Boot, JWT, AOP, JavaMail, JUnit</i>	<b>Mar 2024 – Apr 2024</b>
<ul style="list-style-type: none"><li>Designed and implemented the application architecture using Angular for frontend and Spring Boot for backend following Clean Architecture principles.</li><li>Developed session security functionalities with JWT to secure the sessions.</li><li>Implemented Aspect-Oriented Programming (AOP) to handle cross-cutting concerns such as logging and security.</li><li>Set up an automated notification system for student absences using JavaMail.</li><li>Created unit tests with JUnit to guarantee reliability and robustness of the developed functionalities.</li></ul>	
<b>Health Data Statistical Analysis</b> <i>R, R-Shiny</i>	<b>June 2020 – September 2020</b>
<ul style="list-style-type: none"><li>Conducted comprehensive statistical analysis on regional health datasets using R, focusing on identifying trends, anomalies, and correlations that inform public health decisions.</li><li>Developed a dynamic web application using R-Shiny to visualize data insights, enabling stakeholders to interact with the findings and derive actionable health strategies.</li></ul>	

## SKILLS

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

## LANGUAGES

<b>Arabic</b>	Native	<b>English</b>	Bilingual
<b>French</b>	Bilingual	<b>Spanish</b>	Beginner

## INTERESTS

• Problem Solving	• Music	• Video Games
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