

# Jihed MEDINI

## Full-Stack Engineering Student

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### PROFILE

I am a computer engineering student actively looking for an internship to complete my final project in web development.

### EDUCATION

<b>National Engineering School of Carthage - ENICarthage</b> <i>Engineering cycle in computer engineering</i>	<b>Sept 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>Sept 2019 – June 2022</b> <i>Tunis, Tunisia</i>

### PROFESSIONAL EXPERIENCE

<b>Internship - OKR Strategic Management Platform with AI/LLM Integration</b> <i>Naxxum</i>	<b>July 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>Automation of task generation with AI LLM integration.</li><li>Refinement and modernization of platform design.</li><li>Integration of mail system features to ensure system reliability.</li><li>Creation of unit tests for each API to ensure system reliability.</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 – June 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>Implementation of web scraping functionality to gather recruitment data.</li><li>Execution of unit testing with xUnit.net to verify functionality.</li></ul> <p><b>Technologies:</b> .Net 6, C#, Angular, MongoDB, SendGrid, Flask, Swagger, xUnit.net, Scrum</p>	

### ACADEMIC PROJECTS

<b>Student Absence System</b> <i>Angular, Spring Boot, JWT, AOP, JavaMail, JUnit</i>	<b>Mar 2024 – Apr 2024</b>
<ul style="list-style-type: none"><li>Design and implementation of the application architecture using Angular for frontend and Spring Boot for backend, following Clean Architecture principles.</li><li>Development of session security functionalities with JWT to secure the sessions.</li><li>Utilized AOP for Logging and Security.</li><li>Setup of an automated notification system for student absences using JavaMail.</li><li>Creation of 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 – Sept 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>Development of 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

**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

### LANGUAGES

**Arabic:** Native      **English:** Bilingual      **French:** Bilingual

### INTERESTS

- Problem Solving
- Football
- Swimming