# MOHAMED YASSIN ZEDDINI

**Computer Science Student | Aspiring Backend Developer**

📞 92945903   @ mohamedyassin.zeddini@ieee.org   🔗 linkedin.com/in/zeddini-mohamed-yassin   🔗 github.com/ZeddiniMohammedYassin
📍 Tunis

## SUMMARY

Computer Science student at the Faculty of Sciences of Tunis, seeking a backend development internship to build reliable and efficient applications. Passionate about scalable systems, learning new technologies, and delivering real-world impact.

## EDUCATION

Bachelor's Degree, Computer Science

**Faculty of Sciences of Tunis, University of Tunis El Manar**

📅 09/2023 - Present   📍 Tunis, Tunisia

- **Mathematics** : *Calculus, Linear Algebra, Probability and Statistics*
- **Data Structures and Algorithms** : *Algorithms, Complexity, Graph Theory & Optimization*
- **Object-Oriented Programming** : Java, JavaScript
- **Database Systems :** *Database Engineering, Database Administration, Data Warehousing*
- **Operating Systems :** Processes, Threads, Scheduling, Memory Management, File Systems
- **Computer Networks :** *OSI Model, TCP/IP, Routing, Switching, Network Protocols, Wireless & Cellular Networks*

## EXPERIENCE

IEEEXtreme 18.0 Programming Competition - Participant

**IEEEXtreme**

📅 10/2024   📍 Lac 2,Tunis

- Solved multiple algorithmic problems in a 24-hour competitive environment
- Collaborated in a team of three to solve advanced problems in data structures, graph theory, and dynamic programming.

The Winter Cup - National Programming Competition

**ACM - Association for Computing Machinery**

📅 02/2025   📍 INSAT,Tunis

- Competed in a nationwide algorithmic contest under strict time constraints.
- Applied data structures, algorithms, and optimization techniques using C++/Python.

Frontend Development Intern

**CodeAlpha**

📅 08/2024 - 09/2024   📍 Remote

- Successfully completed a virtual Frontend Development internship, contributing to web interfaces using HTML, CSS, and JavaScript.
- Built and styled responsive pages, fixed layout bugs, and implemented basic interactivity.

## PROJECTS

End-of-Year Group Project | Backend Developer – Internship Matching Website

📅 03/2025 - 05/2025

🔗 github.com/ZeddiniMohammedYassin/InTurn-Internship-Matching-Website

Built and maintained the backend of a web platform that connects students with internships and helps companies recruit interns.

- Worked with a team of 4 to build a backend using **Node.js**, **Express.js**, and **MySQL**, following **MVC pattern** for clean and maintainable code.
- Designed system and data flow diagrams to guide development and ensure clarity.
- Integrated and optimized database interactions for performance and scalability.
- Developed **RESTful APIs** to support key platform features such as applications, tracking, and user management.
- Implemented dynamic filtering and search functionality to enhance user experience.

Weather App

📅 07/2024

🔗 github.com/ZeddiniMohammedYassin/Weather-App

Responsive weather app showing real-time data by city or user location.

- Developed a responsive weather app using **HTML**, **CSS3**, and **JavaScript**, integrating real-time data from the OpenWeatherMap API.
- Implemented IP-based geolocation using ipinfo.io to enable automatic location detection and city-based search.

## SKILLS

| Problem Solving | Team Collaboration | Node.js / Express.js | RESTful API Design | OOP (Java,JS) | Asynchronous Programming |
|---|---|---|---|---|---|

| Relational Databases (MySQL) | Front-end Development | Security Practices | Version Control (Git & GitHub) | Testing & Debugging |
|---|---|---|---|---|

## EXTRACURRICULAR ACTIVITIES

**Member at IEEE**

Member of IEEE, a global professional organization promoting technology and innovation.

**Member at Google Developer Students Club**

Member of Google Developer Students Club, a student-led community fostering peer-to-peer learning in technology and development.