

# MOHAMED YESSIN ZEDDINI

## Fullstack Development Intern

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• <https://github.com/ZeddiniMohammedYassin>

## Summary

Computer Science student at the Faculty of Sciences of Tunis, aspiring fullstack developer with a solid backend foundation and advancing frontend expertise. Dedicated to building reliable and efficient applications, with a strong interest in delivering user-centered and sustainable digital solutions.

## Education

Faculty of Sciences of Tunis, University of Tunis El Manar

Tunis, Tunisia

Bachelor's Degree, Computer Science | German Grade: **2.0**

09/2023 - Present

- **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

Chabeb High School, Manouba

Manouba, Tunisia

Baccalauréat in Computer Science | German Grade: **1.15**

06/2023

- **Programming & Algorithms:** Developed problem-solving skills using languages like Python, JavaScript
- **Data Structures:** Understanding of arrays, lists, stacks, queues, and their applications
- **Databases & SQL:** Basic knowledge of relational databases and querying data
- **Mathematical Foundations:** Logic, discrete math, probability, and statistics applied to computing problems

## Professional Experience

Redig.io

Ariana, Tunisia

Fullstack Development Intern

06/2025 - 08/2025

Contributed to the development of a full-stack **SaaS platform** for repair shops, enabling workflow management and automated website generation

- Built a **responsive UI** component library in **React + Tailwind CSS** with reusable, scalable design patterns.
  - Developed an intuitive **website editor with drag-and-drop tools** and customizable templates that cut setup time and let shops launch professional websites faster.
  - Implemented **backend deployment automation with Express.js and TypeScript**, which reduced manual setup time and enabled rapid provisioning of personalized sites at scale.
  - Implemented a **QR code tracking system** and **invoice generator** for real-time order monitoring and automated billing
  - Integrated **Supabase serverless functions (Auth, Storage, Functions)** for **core backend logic** and assets.
- Tech stack:** TypeScript, React, Tailwind CSS, Node.js, Express.js, Supabase (Auth/Storage/Functions), Netlify

CodeAlpha

Remote

Frontend Development Intern

08/2024 - 09/2024

- Completed a virtual Frontend Development internship, where I contributed to **web interfaces** using **HTML, CSS, and JavaScript**.
- Built and styled **responsive** pages, fixed layout bugs, and implemented basic interactivity.
- Gained hands-on experience with **version control** using Git and GitHub for collaborative development.

## Projects

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

[github.com/ZeddiniMohammedYassin/InTurn-Internship-Matching-Website](https://github.com/ZeddiniMohammedYassin/InTurn-Internship-Matching-Website)

03/2025 - 05/2025

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.

## Projects

### Weather App

github.com/ZeddiniMohammedYassin/Weather-App 04/2024

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

## Programming Competitions

AstroPreneur: The Launch | AI Hackathon and Competitive Programming Contest iTeam University  
Google Developer Groups on Campus: FST and JCI 10/2025

- Participated in an interdisciplinary event connecting artificial intelligence with entrepreneurship to design innovative and practical solutions.
- Contributed to both the AI hackathon and the competitive programming contest by addressing complex algorithmic and conceptual challenges within limited timeframes.

The Winter Cup - National Programming Competition INSAT, Tunis  
ACM - Association for Computing Machinery 03/2025

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

Genesis Competitive Programming Contest MUST University, Tunis  
CLL: Club des Logiciels Libres 02/2025

- Tackled challenging algorithmic problems under strict time constraints.
- Demonstrated strong problem-solving, analytical, and coding skills in a competitive setting.

Code Quest INSAT, Tunis  
ACM - Association for Computing Machinery 12/2024

- Solved introductory algorithmic and coding challenges in a timed environment.
- Strengthened programming fundamentals and developed a structured approach to problem-solving.

IEEEExtreme GOMYCODE, Tunis  
IEEEExtreme 18.0 Programming Competition 10/2024

- 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.

## Skills

Programming & Problem-Solving: Problem Solving · Algorithms · OOP (Java, JS) · Asynchronous Programming

Frontend Development: HTML5 · CSS3 · JavaScript · React.js · Vue · TypeScript · Tailwind CSS




Backend Development: Node.js · Express.js · RESTful API Design · Supabase

Databases & Tools: Relational Databases(SQL) · MongoDB · Version Control · Git · GitHub · Security Practices

## Languages

English Advanced Frensh Advanced Arabic Native

## Interests

-  **Sports & Fitness**  
Engaging in team sports, jogging, and gym activities to stay disciplined, focused, and healthy.
-  **Mindfulness & Outdoor Activities**  
Practicing hiking, nature walks, and meditation to recharge and maintain mental clarity.
-  **Volunteering & Community Work**  
Participating in local initiatives to contribute positively and strengthen empathy.