MOHAMED YESSIN ZEDDINI

Fullstack Development Intern

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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

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 | Al 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

03/2025

ACM - Association for Computing Machinery

- 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

02/2025

- CLL: Club des Logiciels Libres
- 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.

IEEEXtreme GOMYCODE, Tunis

IEEEXtreme 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

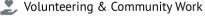
Interests

I Sports & Fitness

3 I

Mindfulness & Outdoor Activities

Practicing hiking, nature walks, and meditation to recharge and maintain mental clarity.



Participating in local initiatives to contribute positively and strengthen empathy.

Engaging in team sports, jogging, and gym activities to stay disciplined, focused, and healthy.