

MAHROS AL-QABASY

Junior Backend Developer

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Summary

Detail-oriented Junior Backend Developer with a strong foundation in server-side programming, database management, and API integration. Currently pursuing a Bachelor's in Computer Science at Galala University, I have hands-on freelance experience developing and optimizing backend systems using frameworks such as Flask, Django, and Node.js. Recognized for my problem-solving skills and dedication to efficient, scalable solutions, I am eager to contribute to innovative development teams.

Experience

DEC 2024 – MARCH 2025

Backend Developer/Code Alpha (Intern.), Remote

I have contributed to back-end web development projects by utilizing Python Flask to build and optimize scalable applications. This experience has provided a valuable platform to overcome real-world software development challenges while further enhancing my technical expertise and collaborative skills.

NOV 2024 – DEC 2024

C++ Developer/Brain Wave Matrix-Solutions (Intern.), Remote

In my role as a C++ Developer Intern at Brainwave Matrix Solutions, I am gaining hands-on experience in advanced C++ programming, software design, and system-level optimization. This flexible, remote internship—running for 4 to 12 weeks—has provided a valuable platform to enhance my technical abilities.

Education

MAY 2012

Bachelor's in Computer Science/Galala University, Egypt

Currently enrolled in the second level of the Computer Science program, I am developing a robust foundation in software engineering fundamentals. My coursework includes data structures, algorithms, web development, and database management, all of which are enhancing my technical problem-solving and programming skills. I actively participate in class projects and collaborative initiatives, further refining my ability to build scalable and user-centric digital solutions.

Projects

JAN 2025

Task Tracker/NodeJS

I have built a personal portfolio website using HTML5, CSS3, and JavaScript to present my freelance projects and technical expertise. The site emphasizes modern design principles, accessibility standards, and responsive layout, serving as a dynamic showcase of my skills and professional achievements.

DEC 2024

URL Shortened/Flask

Developed a URL Shortener service during my CodeAlpha internship, utilizing Flask and SQLite to streamline URL redirection with efficient database integration and robust error handling. This project enhanced my expertise in backend development and RESTful API implementation.

Certifications

SEPTEMBER 2024

Backend Engineering with NodeJS/Manara.tech, Remote

Throughout the program, I gained in-depth expertise in backend development using Node.js, RESTful API design, and API testing with Postman. I honed skills in creating scalable, secure server-side applications and implementing efficient data handling processes, emphasizing best practices and real-world applications.

DECEMBER 2024

Git + GitHub/Manara.tech, Remote

Gained a comprehensive understanding of version control principles using Git, including the fundamental operations such as commit, push, pull, and clone. Mastered advanced Git commands and workflows to manage branches, resolve merge conflicts, and maintain a clean project history. Developed practical skills in repository management on GitHub, encompassing forking, pull requests, and code reviews to collaborate effectively in team environments. Learned to utilize GitHub's integrated tools for issue tracking, project management, and continuous integration/continuous deployment (CI/CD) pipelines, thereby streamlining development workflows.

SEPTEMBER 2024

Relational Database with SQL/Manara.tech, Remote

This certification enhanced my SQL proficiency by covering essential operations—DDL, DML, DCL, and TCL—as well as advanced querying techniques, equipping me to effectively create, modify, and manage relational databases for complex data solutions.

SEPTEMBER 2024

Foundations of Database/Manara.tech, Remote

This certification provided a comprehensive understanding of database fundamentals by comparing relational and non-relational models and emphasizing efficient design through schema planning, normalization, and index optimization. I gained hands-on experience in writing SQL queries and explored key DBMS features like transaction processing and data integrity, equipping me to implement robust data solutions for real-world applications.

Skills

SQL · Database Design · Query Optimization · RESTful API Development · Server-Side Programming (Flask, Django, Node.js, C++) · Git · CI/CD · Problem Solving · Team Collaboration