

Mohammed Mostafa

Software Engineer

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Summary

A motivated Backend Developer skilled in designing, testing, and implementing software applications. Seeking to join a progressive organization that values my academic background and hands-on experience while offering opportunities for growth.

Education

Bachelor's Degree in Computer Science
Faculty of Computers and Informatics, Suez Canal University

2021 – present | ismailia,egypt

Professional Experience

Backend Developer, Intern
El Masria e-learning platform

11/2022 – 01/2023

- Implemented a robust backend API to serve a medical imaging web app, Technologies used [Javascript, Node.js, Express.js, Orthanc(DICOM Server), GCP, Docker, and MongoDB]
- Upgraded legacy code and optimized code quality to enhance system performance and deliver a seamless user experience.

Back End Developer (Internship)
Information Technology Institute (ITI)

2021 – 09/2021

- Completed 120 training hours on Node.js, Express.js, ES6, JavaScript, JWT, and authentication/authorization techniques.
- Collaborated on a secure E-commerce website using Node.js, Express.js, and Mongoose for the final project, enhancing skills in full-stack development.
- Technologies: Node.js, Express.js, MongoDB, JWT, bcrypt, Postman, dotenv.

Projects

Full E-Commerce API ✍

Node.js, Express.js, MongoDB, Mongoose

- Implemented JWT-based user authentication, enhancing security and reducing login time by 30%.
- Developed efficient CRUD operations for product management, boosting system efficiency by 40%

Examination System ✍

SQL Server, .NET, Wpf

- Developed an examination system using SQL Server and WPF.
- Managed functionalities for student registrations, exam scheduling, grading, and result management efficiently.

TaylorSwift ✍

Nodejs, ExpressJs, NextJs

- Created an open-source API for Taylor Swift lyrics to get random lyrics and generate quiz questions (API Link) ✍.

YouTube Summary ✍

Python, whisper, Open Ai

- Built a tool in Python to summarize YouTube videos based on the provided video URL.

Skills

Languages and Frameworks

C#, .NET, JavaScript, Node.js
(Express.js), Python, C++.

Databases

SQL Server, PostgreSQL, MongoDB,
MySQL.

Tools and concepts

Linux, Docker, Data Structures, OOP,
GitHub, GitLab, Competitive
Programming, Postman.

Volunteering

IT Mentor

ICPC-SCU

- Lectured newcomers and beginners on C++, data structures, and algorithms related to programming competitions. Helped them learn about competitive programming and ICPC programming contests.

dev team

Google developer student club

- Mentored newcomers and motivated them to continue learning and growing in the technology field.