

Mohamed Tarek Salah

Software Engineer

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🔗 <https://mohamedtarekportfolio.netlify.app/>

Objective

Software Engineer that excel in adapting to new challenges and environments, continuously seeking opportunities to learn and apply my skills effectively to drive success in diverse projects.

Education

Bachelor of Software Engineering, Helwan University

09/2021 – present

- GPA 3.84/4.0

cairo, Egypt

Projects

VaxScheduler, Vaccination Scheduling Platform

- An online platform designed to streamline and simplify the process of scheduling vaccination appointments.
- React.js | .Net | Microsoft Sql Server

Real-time Restaurant Reservation System

- A real-time restaurant reservation system will let the users book a table at their favorite restaurant.
- Angular | Node.js | Express.js | MongoDB | MQTT

Job Search Application

- A node js back-end application facilitates job searching, user management, company profiles and job applications.
- Node.js | Express.js | MongoDB
- Developed a RESTful API for managing tasks, including CRUD operations and user authentication.
- Implemented JWT-based authentication and role-based access control.

Library System 📖

- A back-end application for managing a collection of books and authors.
- Node.js | Express.js | MySql

Skills

Programming Languages

C++
Java
JavaScript
python

Technical Concepts

Agile
Data Structures
Git & Github
OOP
REST APIs

Databases

Microsoft Sql Server
Oracle PL-SQL
Sequelize (ORM)
MongoDB
Mongoose (ODM)

Extracurricular Activities

- | | |
|---|-------------------|
| Object-Oriented Programming Member , <i>Microsoft Student Partner</i> | 08/2022 – 09/2022 |
| <ul style="list-style-type: none">• Instructed OOP using C++ and led the development of a booking system project, applying OOP principles to design a robust and scalable solution. | |
| Problem Solving Member , <i>Microsoft Student Partner</i> | 01/2023 – 06/2023 |
| <ul style="list-style-type: none">• Instructor and student of problem-solving methodologies. | |
| Problem Solving Instructor , <i>Microsoft Student Partner</i> | 09/2023 – 10/2023 |
| <ul style="list-style-type: none">• Instructed C++ fundamentals and taught basic algorithms for solving Codeforces and LeetCode challenges. | cairo, Egypt |

Languages

Arabic

English