Mohamed Tarek Salah

Software Engineer

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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.
- **Technologies:** React.js, .Net, Microsfoft Sql Server

E-Commerce Back-End Development Project
- **Schema Design:** User, categories, brands, products, coupons, wishlists, carts, orders, and reviews.
- **Payment Integration:** Integrated Stripe for secure transactions.
- **Real-Time Updates:** Used Socket.io ⧉ for real-time product updates.
- **Technologies:** Node.js, Express.js, MongoDB, Stripe, Socket.io ⧉ , Joi, JWT

Library System ⧉
- A back-end application for managing a collection of books and authors.
- **Technologies:** Node.js, Express.js, MySql

Skills

Databases
Oracle PL-SQL
MySql & Sequelize (ORM)
MongoDB & Mongoose (ODM)
Redis

Version Control
Git
Github

Back-End Development
NestJs
ExpressJs
RESTful services
GraphQL
Postman API
JSON Web Tokens (JWT)
Stripe Payment
Docker
Jest

Extracurricular Activities

Object-Oriented Programming Member, *Microsoft Student Partner*   08/2022 – 09/2022
- Studied OOP using C++ and participated in developing a booking system project,applying OOP principles to design a robust and scalable solution.

Problem Solving Instructor, *Microsoft Student Partner*   09/2023 – 10/2023
- Instructor and student of problem-solving methodologies   cairo, Egypt

Certificates

WE AI training program
WE Assessment exam
degree:220/240

Back-end (Node JS) diploma
Route IT Training Center

FLUTTER workshop certificate,
Microsoft student partner