

# Mohamed Tarek Salah

## Software Engineer

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### Objective

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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.

### Projects

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#### **VaxScheduler**, *Vaccination Scheduling Platform*

- An online platform designed to streamline and simplify the process of scheduling vaccination appointments.

#### **Real-time Restaurant Reservation System**

A real-time restaurant reservation system will let the users book a table at their favorite restaurant.

#### **Job Search Application**

- A node js back-end application facilitates job searching, user management, company profiles and job applications.

### Skills

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#### **Programming Languages**

C++

Java

JavaScript

python

#### **Technical Concepts**

Agile

Data Structures

Git & Github

OOP

#### **Databases**

Microsoft Sql Server

Oracle PL-SQL

Sequelize (ORM)

MongoDB

Mongoose (ODM)

### Extracurricular Activities

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#### **Object-Oriented Programming Member**, *Microsoft Student Partner*

08/2022 – 09/2022

- 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**, *Microsoft Student Partner*

01/2023 – 06/2023

- Instructor and student of problem-solving methodologies.

#### **Problem Solving Instructor**, *Microsoft Student Partner*

09/2023 – 10/2023

- Instructed C++ fundamentals and taught basic algorithms for solving Codeforces and LeetCode challenges.

cairo, Egypt

## Certificates

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### WE AI training program

WE Assessment exam  
degree:220/240

### FLUTTER workshop certificate,

Microsoft student partner

### OOP workshop certificate,

Microsoft student partner

## Education

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### Bachelor of Software Engineering, *Helwan University*

- GPA 3.84/4.0

09/2021 – present

cairo, Egypt

## Languages

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Arabic

English