

Mostafa Mahmoud Abdelfatah

Backend Developer

 01097034976  moabdelfatah40@gmail.com  Mostafa Mahmoud  Mostafa Mahmoud

Education

Information technology institute	Jul. 2024 – AUG 2025
<i>Diploma in .Net Web Development</i>	<i>Ismailia, Egypt</i>
Suez Canal University	Sep. 2022 – May 2026
<i>Bachelor of Science, Department of Computer Science.</i>	<i>Ismailia, Egypt</i>

Certificates

- .Net Web Development – ITI / Ismailia
- Cyber Security Training – Creativa / ITIDA
- Python Programming Basics – Mahara-Tech / ITI
- Computer Network Fundamentals – Mahara-Tech / ITI

Experience

Projects

- **e-commerce**
- **Airlines Windows Form (SQL Data Base)**

Designed a SQL database for managing Airline Data.
The database includes tables for registering various information like Airplanes, Flight Schedule, Employee, Passenger.
Design by Windows Form C# and relation by Data Base Microsoft SQL server.
Add, Delete and Search like Airplanes, Flight Schedule, Employee, Passenger.
Ensured efficient usage and supported quick data access.
- **Digital Image Processing (Python,matplotlib.pyplot, pandas, cv2, NumPy)**

Applied digital image processing principles using various Python libraries like matplotlib.pyplot, pandas, cv2
Executed tasks such as edge detection, image enhancement, and pattern recognition. Provided analytical reports based on processed data
- **Staff Information Management System**

Developed a staff information management system using C++ programming language.
The system includes features such as employee registration, information updates, search, and reporting.
Improved efficiency in staff management and streamlined internal processes.

Technical Skills

- **Programming language:** C++, c#, Data structure & Algorithms, Python, HTML, CSS, Dart, Assembly
- **Data Base:** SQL, Microsoft SQL Server, C# window form
- **Framework:** Entity Framework Core, ASP.NET Core MVC, Razor Pages, LINQ, Restful API
- **Pretesting Tools:** Nmap, Burp Suite, Wireshark (basic)
- **Operating Systems:** Windows, Kali Linux, Ubuntu

Leadership / Extracurricular

Microsoft Students Club

Leader of the chapter

- Conducted workshops in Backend Web Development.
- Managed a team containing almost 20 students.

Aug 2024 - Jul 2025

Ismailia, Egypt

Languages

- Arabic: Native
- English: Good command (Reading, Writing, Speaking)