

Hamza Hussain Yousef Omran

Full Stack Web Developer | Student at Alexandria University FCFS

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🏠 Alexandria, Egypt

Professional Summary

Motivated Computer and Data Science student with hands-on experience in building full desktop applications using C# and SQL Server. Proficient in creating and managing Windows Services, applying SOLID principles, and developing RESTful APIs. Skilled in integrating with Microsoft Office tools (Word, Excel, Outlook) and effectively reading and implementing technical documentation. Currently, I am working on a real desktop project to transition to full-stack web development.

Education

Bachelor's Degree in Computer and Data Science
Faculty of Computer and Data Science, Alexandria University
CGPA: 3.7664 / 4.0
2022 – 2026

Experience

[Data Analysis & Big Data Online Training \(20/7/2024 – 7/9/2024\)](#)

- Built and visualized dashboards using Power BI
- Applied data modeling, and data preprocessing with Power BI and Python
- Performed data analysis using SQL
- Covered data types, analytics methods, and visualization techniques
- Participated in hands-on sessions and lectures

Projects

Driving and Vehicle License Department [GitHub](#) | [Video](#)

- Description:
 - Full system to manage national/international licenses: issuance, renewal, replacement
 - Includes user registration, authentication, testing, fee configuration, and service updates

Tic Tac Toe Game Using C# [GitHub](#) | [LinkedIn](#)

HTML and CSS Page

- Portfolio Website: [GitHub](#) | [Live Demo](#)
A static web page designed with HTML and CSS to showcase responsive design principles and semantic HTML.

HTML, CSS, and Javascript Page

- Portfolio Website: [GitHub](#) | [Live Demo](#)
Developed an interactive web page using HTML, CSS, and JavaScript. Features include DOM manipulation and event handling.

HTML, CSS, Javascript, and Bootstrap Page

1. Portfolio Website: [GitHub](#) | [Demo Link](#)
 - Description: Created a fully responsive web application leveraging Bootstrap for layout and components, along with JavaScript for dynamic functionality.
 - Key Features:
 - Interactive UI built with Bootstrap's grid system.
 - Custom JavaScript for form validation and animations.
2. Portfolio Website: [GitHub](#) | [Demo Link](#)
 - Description: Designed a modern and visually appealing website using HTML, CSS, JavaScript, and Bootstrap.
 - Key Features:
 - Integrated Bootstrap components for a professional design.

Technical Skills

➤ Programming Languages:

Python, Java, C#, R, C++, Javascript, Typescript, SQL, and Shell

➤ Web & Software Technologies:

HTML, CSS, JS, Basic Knowledge in Bootstrap, RESTful APIs, .NET Framework, Windows Services, API Integration

➤ Databases:

Microsoft SQL Server, MySQL, NoSQL (MongoDB)

➤ Software Engineering:

SOLID Principles, Clean Code, Technical Documentation Interpretation, System Design

➤ Tools & Platforms:

Power BI, Tableau, Excel, Git, Docker, SQL Server Management Studio, MySQL Workbench

➤ Data & Machine Learning:

Scikit-learn, Data Structures, Statistics, Probability, Linear Algebra, Regression, Convex Optimization, Stochastic Processes

➤ Soft Skills:

Team Leadership, Time Management, Clear Communication, Analytical Thinking, Problem Solving