

Marwan Moataz

Computer Science — Full Stack ASP.NET Developer

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Introduction

A passionate Full Stack ASP.NET Developer with a Bachelor's degree in Computer Science and ongoing Master's studies in the same field. With several years of freelance experience, I've developed a strong background in C#, ASP.NET MVC, and web development technologies. I'm skilled in full-stack development, including front-end tools like HTML, CSS, JavaScript, and back-end technologies such as .NET, SQL Server, and APIs. My experience also spans Python, machine learning, and image processing for more specialized tasks. I thrive on problem-solving, clean code, and building solutions that are both scalable and user-friendly. Currently, I'm focused on enhancing my expertise in software engineering through my Master's studies, while continuing to work on cutting-edge projects.

Education

Egypt, Arab Academy for Science, Technology and Maritime Transport, Smart Village *Sept 2019 – Jul 2023*

BS in Computer Science

- GPA: Very Good with honors

Egypt, Arab Academy for Science, Technology and Maritime Transport, Smart Village *Feb 2024 – Present*

Master's Degree in Computer Science

Training & Certificates

Fullstack ASP.net MVC from Microsoft: HTML, CSS, Javascript, Asp.net, MVC, APIs

Fullstack ASP.NET from CLS HTML, CSS, Javascript, Asp.net, MVC, APIs

Back end ASP.net MVC from ITI: Asp.net, MVC, APIs

Flutter development from ITI: Flutter, MVC

Research Publications

- **Marwan Eldesouki**, Nahla Belal. *Multimedia Encryption Using Extended Playfair with Base64*. College of Computing and Information Technology, Arab Academy for Science, Technology and Maritime Transport, 2024. [[GitHub Repository](#)] [🔗](#)

Experience

Freelance Software Developer

remotely

Backend C#.NET Desktop Application Developer — Khamsat

2018 – 2020

- POS Systems
 - Lametna restaurant
 - AlMawrdy Suits
 - Technologies: C#, .NET, SQL Server, Entity Framework
- System management
 - Cinema System management
 - Gym System management
 - Movies library system management
 - Technologies: C#, .NET, SQL Server, WPF, Windows Forms, Entity Framework
- Automation bots
 - Social media email and username checker
 - Udemy course discount checker
 - Technologies: C#, .NET, SQL Server, Selenium

Fullstack ASP.NET Developer — Khamsat





2024 – 2025

- System Management

- Movies Library System Management
- Books Library System Management
- License System Management
- Technologies: ASP.NET MVC, C#, SQL Server, Entity Framework, RESTful APIs

Backend Python Developer — Khamsat

2021 – 2023

- Machine Learning , Deep Learning Scripts
 - Collaborative game doodles recognizer [\[GitHub Repository\]](#) 
 - Custom object annotator and Classification
 - Security System Key generator [\[GitHub Repository\]](#) 
 - School Attendance registration using face recognition
 - Government Documents Classification [\[GitHub Repository\]](#) 
 - Breast Cancer Classification [\[GitHub Repository\]](#) 
 - Technologies: Python, TensorFlow, PyTorch, OpenCV, Scikit-learn, Pandas
- Automation bots , Web scraping scripts
 - Automated telegram bot sending free courses from Udemy
 - Snapchat Spotlight Videos Uploader
 - Technologies: Python, Selenium, BeautifulSoup, Telegram API

internship Python Developer

Python Developer — HST

*remotely
2024 – 2024*

- LLMModel Chat bot using RAG to solve private idea for the company
- Telegram bot to make backup for custom channels
- Technologies: Python, LangChain, FAISS, Flask, Telegram API

SKILLS

Technical Skills:

- **Programming Languages:** C#, Python, Javascript
- **Technologies/Frameworks:**
 - ASP.NET , .NET CORE
 - Design Patterns,MVC
 - Microsoft SQL Server,MYSQL
 - JSON,XML
 - Github,GIT
 - TensorFlow,pyTorch
 - Tkinter
 - Numpy
 - Selenium
 - RestFull Api , Flask , Streamlit
- **Software Engineering Concepts:**
 - Data structures
 - Algorithms
 - Object Oriented Programming (OOP)
 - Problem Solving
 - Design Patterns
 - Databases

Soft Skills:

- **Communication:** Explaining technical concepts to non-technical stakeholders, writing clear documentation, and articulating ideas in team meetings.
- **Teamwork/Collaboration:** Working effectively in Agile/Scrum teams, pair programming, and contributing to code reviews.
- **Problem-Solving & Critical Thinking**
- **Adaptability:** Learning new languages/frameworks, pivoting when project requirements change, and embracing feedback.
- **Time Management & Prioritization:** Balancing multiple tasks, meeting deadlines, and estimating project timelines.
- **Leadership :** Leading my college projects and always looking for good result to finish tasks.