

Kamal Ashraf Mohamed

Full-Stack Developer (ASP .NET Core | Angular)

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🐙 Github 📁 My Portfolio

PROFILE

Dedicated Full-Stack Web Developer with a Bachelor's degree in Computer Science. Proficient in ASP .NET Core and Angular, with hands-on experience in developing dynamic and responsive web applications. Strong foundation in software development, algorithms, and clean code practices. Skilled in both front-end and back-end technologies, with a focus on user experience, data integrity, and security. Passionate about continuous learning and delivering high-quality solutions.

INTERNSHIP

Intensive Code Camps (4 Months)

Information Technology Institute (ITI)

05/2024 – 09/2024

Ismailia, Egypt

FullStack Web Development using .NET and Angular

EDUCATION

Bachelor of Computer Science

Al Shorouk Academy

2022

Al Shorouk City,
Egypt

Self-study: "Grokking Algorithms" by Aditya Bhargav, "Algorithms Unplugged", "Clean Code" by Robert C. Martin

PROJECTS

BulkyBook

12/2023

Web Application ASP .NET Core .NET 8 MSSQL GIT MVC
Microsoft ASP Identity Repository Pattern & Unit of Work Bootstrap

- Implemented **CRUD operations** on a category form, interacting with SQL Server backend to manage data effectively.
- Ensured data integrity and security through **client and server-side validation techniques**.
- This project demonstrates proficiency in full-stack web development, utilizing modern technologies and best practices to deliver a robust and user-friendly application.

E-commerce (Restaurant)

07/2024 – 07/2024

Angular18 Tailwind CSS

- **Key Components:** Responsive navbar, footer, item listings, user login/signout, and a shopping cart.
- **Data Management:** Integrated a local JSON file for product data.
- **Advanced Features:** Utilized RxJS to manage operations and Angular decorators and modules for a structured codebase.
- **Responsive Design:** Ensured a seamless user experience across all devices.

Brain Tumor Detection using Neural Networks (BSc Project, Grade A+)

07/2021 – 07/2022

SDLC Firebase CNN Transfer Learning TensorFlow Pytorch Tkinter

- Utilized a training set comprising **70%** of available data and a testing set of **30%** to validate the model's performance robustness.
- Achieved exceptional accuracy of **98%** utilizing transfer learning with the **VGG16 architecture**.
- This project exemplifies my proficiency in machine learning, image processing, and collaborative problem-solving.

C# MSSQL Windows Form

- Created a Windows Form application using the C# programming language and integrated it with a SQL database to create a user-friendly platform for tracking lost and found items.

LANGUAGES

Arabic

Native Proficiency

English

Professional Working Proficiency

SKILLS

Programming languages (Python, C++, C#) | MSSQL | ASP .NET Core MVC | ASP .NET WEP API |
Deep Learning (Neural Network, Transfer learning, TensorFlow, PyTorch) |
Version Source Control (GIT) | SDLC | Front End (HTML5, CSS3, JavaScript) | Angular |
Tailwind CSS | JQuery | Ajax | Bootstrap