Mostafa Ibrahim ElSayed

Software Engineer

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Military Status: Postponed

Education

Faculty of Computers and Artificial Intelligence, CAIRO UNIVERSITY Cairo, Egypt
Bachelor of Computer Science July 2024

Major in Information Technology
Cumulative GPA: 2.7/4.0
Graduation Project Grade: Excellent (A+)
Relevant Coursework: OOP, Software Engineering; Operating Systems; Algorithms; Data Structure

Internships

Digital Egypt Pioneers Initiative (DEPI) Cairo, Egypt
.Net Full-Stack Training Apr 2024 – Present
- Developed full-stack web applications using .NET Core, C#, HTML5, JavaScript, CSS3, and MVC frameworks
- Built scalable back-end services and APIs, with hands-on experience in containerization using Docker and version control with Git/GitHub.
- Completed a capstone project, integrating front-end and back-end technologies, and applied SQL Server programming, functional documentation, and unit testing.

Algoriza Online
Front-End Intern Mar 2024 – May 2024
- Learned and applied front-end technologies, including HTML, CSS, and JavaScript, to build responsive web interfaces.
- Gained hands-on experience by developing a small project, integrating key front-end skills.
- Strengthened practical understanding of web development principles and best practices.

University Projects

FEROZA - Graduation Project
- Developed a CNN-based model to detect plant diseases from images.
- Used Keras, TensorFlow and FastAPI for Model Deployment on Microsoft Azure.

Learning Management System (LMS)
- Developed a Learning Management System (LMS) using ASP.NET Core MVC and Entity Framework includes user authentication and authorization, course management, and a contact form for user inquiries.
- Implement the Repository Pattern and Unit of Work design patterns to enhance data access layers, resulting in easier maintenance.
- Integrated with Microsoft Identity and roles for authorization.

Blog API
- Designed a robust API for managing users, posts, categories, and comments, allowing you to build a fully functional blog application.
- Built with TypeScript, Express.js, and MongoDB.

Management System for Supermarket
- Designed to streamline the operations of a supermarket, manage inventory, track sales, and generate reports.
- Implemented using a MSSQL Server Database and a Windows Forms App with C#.

Additional

Technical Skills: Advanced in SQL, C#, Javascript, Typescript, ASP.NET Core, Entity Framework, LINQ, Microsoft Identity, RESTful API, GIT/GitHub, Docker, Unix/Linux
Languages: Arabic: Native; English B1, German: Basics