Irfana S

Professional Summary

As a dedicated and recently trained .NET Developer with a strong foundation in C#, .NET Core. During my training, I gained hands-on experience in developing web applications, building RESTful APIs, and working with Entity Framework Core for database management. I am enthusiastic about applying my knowledge in real-world projects, contributing to innovative solutions, and continuing to grow as a developer.

Skills Profile

Technical	
Operating System	Windows
Environment	Visual Studio 2022, Visual Studio, Azure DevOps, Git/GitHub
Database	SQL Server, Azure SQL
Internet Tools	HTML, CSS, JavaScript, AJAX
Languages	C#, SQL, HTML, CSS, JavaScript, .Net
Other	ASP.Net Core, Azure Function, Web App, Azure Logic App, Web API

Functional	
Management and Leadership Skills	Organized and prioritized tasks for efficient test automation in .NET Core applications. Collaborated with cross-functional teams to meet deadlines and deliver high-quality solutions. Actively contributed to planning and discussions on testing strategies, focusing on unit testing and integration testing for .NET Core projects.
Training & Development	Completed training in .NET Core development and Azure cloud services, applying skills to real-world applications. Assisted in troubleshooting issues related to application performance and deployment on Azure, ensuring smooth execution of projects.

Professional Experience

Pet Store Management   **Jan/2025**
.Net Developer

Project Description

 As a .NET Developer, I am responsible for building and deploying a highly scalable Pet Store Web Application using .NET Core, Azure, and SQL Server. This application allows users to browse products and make purchases, while administrators can manage the product catalog. I was tasked with implementing Web API services and integrating Azure Cloud Services like Azure Blob Storage, Azure Functions, and Azure Logic Apps to enhance the functionality and user experience.

- Devloped and deployed Web API using .NET Core 8.0 and C# 12, implementing the Database First Approach with Entity Framework Core for Seamless Database interaction.

- Integrated Azure Blob Storage to manage product images and other media files, enhancing the scalability and storage capability of the application.
- Implemented serverless architecture using Azure Functions for handling background tasks like inventory updates and sending notifications.
- Orchestrated automated workflows using Azure Logic Apps to streamline processes such as order processing and user registraton.
- Ensured robust exception handling and implemented user-frinedly error messages on a common error page for smooth user interaction.
- Hosted the entire application on Azure Cloud, ensuring high availability and scalability.
- Utilized Git for version control, Visual Studio 2022 for development and SQL Server 2019 for managing the backend database.

Environment:
- Hardware: Standard development and production servers
- Operating System: Windows
- Software: Visual Studio 2022, SQL Server, Git/GitHub
- Languages: C# 12
- Other Tools: Azure, Entity Framework Core, Azure Functions, Azure Logic Apps, SQL Server Management Studio

Book Store Portal   **Dec/2024**

.Net Developer

Project Description

  As a .NET Developer, I was responsible for developing a secure and responsive Book Store Web Portal using .NET Core and SQL Server. The application allows users to register, log in securely using JWT authentication, browse and purchase books, and enables administrators to manage the book inventory and orders. I was tasked with implementing robust backend services, global exception handling, and a dynamic frontend using AJAX for seamless user interaction*.*

- Developed and deployed RESTful Web API using .NET Core 8.0 and C# 12, utilizing a Database First Approach with Entity Framework Core to ensure efficient and consistent data access.
- Implemented JWT-based authentication to secure the application and provide role-based access control for users and administrators.
- Designed a custom Global Exception Handling middleware to capture and log unhandled exceptions, returning standardized and user-friendly error messages.
- Built an interactive and responsive frontend using AJAX and jQuery, improving user experience by allowing asynchronous data loading without full page reloads.
- Created clean and maintainable code following SOLID principles and best practices in .NET Core application architecture.
- Used Git for version control and collaborated effectively using GitHub for source code management.
- Ensured performance optimization and user-centric design for a seamless browsing and purchasing experience.

Environment:
- Hardware: Standard development and production servers
- Operating System: Windows
- Software: Visual Studio 2022, SQL Server, Git/GitHub
- Languages: C# 12
- Other Tools: Entity Framework Core, SQL Server Management Studio, JWT Authentication, Global Exception.

Summary of Projects

Pet Store Management   *Jan 2025*

.Net Developer

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Book Store Portal   *Dec 2024*

.Net developer

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Training and Seminars

- Ocean Institution Training- .NET Core with Azure
- Hyper scalar Training – Azure

Certifications

- Ocean Assessment Certificate for Beginners - .NET Core with Azure

Education

Syed Ammal Engineering College(Ramanathapuram)-B.E in Computer Science and Engineering.(2024)

Personal Information

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