Muhammad Tanzeel

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Full-Stack .NET Angular Developer

Results-driven full-stack web developer with hands-on experience in building dynamic, scalable applications using ASP.NET Core, Angular, C#, MVC, and Razor Views. Skilled in front-end technologies HTML, CSS, JavaScript, Bootstrap and back-end development Entity Framework Core, MySQL. Strong understanding of MVC and Layered architecture for clean, maintainable code. Adept at problem-solving, collaborating in agile teams, and delivering production-ready solutions.

SKILLS

Languages & Frameworks :
C#, ASP.NET Core MVC/Web APIs, Angular, Entity Framework Core

Frontend :
HTML, CSS, JavaScript, Bootstrap, jQuery, AJAX

Database & Backend :
SQL Server, MySQL, Entity Framework Core, RESTful APIs, LINQ

Architecture & Concepts :
MVCPattern, LayeredArchitecture, Role-Based Access Control (RBAC), ViewModels, DTOs

Tools & Environment :
VisualStudio Community, Visual Studio Code, Github, Postman, SQL Server Management Studio

WORK EXPERIENCE

Software Engineering Intern – Alpha Squared Software House (Jan 2025 – Mar2025)
- Joined the Web Development Team as a backend developer on an e-commerce platform using ASP.NET Core MVC and Layered Architecture.
- Worked with Entity Framework Core, ViewModels, DTOs, and RESTful APIs to implement dynamic features.
- Integrated jQuery AJAX for real-time user interaction and seamless frontend-backend communication.
- Contributed to optimizing system performance and scalability through clean backend code practices.

PROJECTS

PeteGrocery – Full-Stack E-Commerce Website
- Developed a scalable e-commerce platform with clean separation of concerns using layered architecture.
- Built a custom admin panel for dynamic Category, Product, Brand, and Variant management.
- Implemented secure email-based login with role separation (Admin/Customer) and session-based access control.
- Designed customer panel with order tracking, purchase history, and profile management.
- Integrated AJAX/jQuery for seamless UI interactions without full page reloads.
- Developed vendor module for multi-seller management and dynamic order system with payment handling.

Dynamic Role-Based Access Control (RBAC) System
- Built a scalable role-based access control system with dynamic role/permission assignment.
- Implemented cookie-based session authentication and custom authorization middleware.
- Designed CRUD-based permission management for modular access restriction with detailed error handling.
- Applied best practices for secure session handling and unauthorized access protection.

EDUCATION

BS Hons IT in Information Technology - University of Okara (2021 – 2025)
Gained foundational and advanced knowledge in software development, database systems, web technologies, and system architectureFocused on ASP.NET Core, MVC, and full-stack web development. Applied skills through real-world academic and self-directed projects in C#, MySQL, and web technologies .

CERTIFICATES

Foundational C# with Microsoft - (Microsoft)
ASP.NET MVC with Web API Foundations Course - (ScholarHat)
Angular Foundations Course - (ScholarHat)
SQL Server Foundations Course - (ScholarHat)