Digvijay Dhumal

Software Developer

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Professional Summary

Software Developer with around 1.8 years of hands-on experience in designing, developing, and maintaining scalable web and desktop applications using the .NET technology stack. Strong expertise in C#, ASP.NET MVC, ASP.NET Core, Web API, Entity Framework, ADO.NET, and SQL Server. Experienced in full Software Development Life Cycle (SDLC), RESTful API development, database optimization, and front-end integration. Adept at writing clean, maintainable code, implementing business logic, and collaborating with cross-functional teams to deliver high-quality software solutions within deadlines.

Technical Skills

- **Programming Languages:** C#, SQL, JavaScript
- **Frameworks & Technologies:** .NET, ASP.NET, ASP.NET MVC, ASP.NET Core, Web API, ADO.NET, Entity Framework Core, LINQ
- **Frontend Technologies:** HTML5, CSS3, Bootstrap, Angular, JavaScript, jQuery, AJAX
- **Database:** Microsoft SQL Server
- **Tools:** Visual Studio, Visual Studio Code, SQL Server Management Studio (SSMS), Postman, Swagger, IIS
- **Concepts:** Object-Oriented Programming (OOP), MVC Architecture, RESTful Services, SDLC, Debugging, Exception Handling, Unit Testing

Experience

Software Developer

Techsum Technology Pvt. Ltd., Pune   **Jun 2024 – Present**

Roles & Responsibilities

- Participated in full Software Development Life Cycle (SDLC) including requirements analysis, design, development, testing, deployment, and maintenance of enterprise applications.
- Designed and developed scalable web applications using ASP.NET MVC, ASP.NET Core, Web API, Entity Framework Core, and SQL Server in Agile environment.
- Created RESTful APIs using ASP.NET Core Web API with authentication, authorization (RBAC), and followed clean architecture principles.
- Developed responsive user interfaces with Angular, HTML5, CSS3, Bootstrap, JavaScript, jQuery, and AJAX for enhanced user experience.
- Implemented business logic layer using C#, Object-Oriented Programming (OOP), LINQ, and Repository Pattern with Entity Framework Core.
- Integrated third-party APIs and developed reporting modules with export functionality to Excel and PDF formats.
- Performed unit testing, debugging, code reviews, and production support to ensure application quality and performance.
- Collaborated with cross-functional teams including QA engineers, UI/UX designers, and business analysts in Agile Scrum methodology.

Key Achievements:

- **System Architecture:** Architected migration from monolithic to Microservices architecture using Docker and .NET 8, improving system scalability by 40% and reducing deployment downtime.
- **Technical Leadership:** Mentored 2+ junior developers through code reviews and technical documentation, implementing SOLID principles and unit testing practices.

Projects

Tech Society Connect

Technologies: Angular, TypeScript, HTML5, CSS3, Bootstrap, C#, ASP.NET Core, Web API, Entity Framework Core, LINQ, SQL Server, REST APIs, AJAX

- Developed the Accountant (Cash Management) Module for a society management system to handle daily financial operations.
- Applied features for cash receipt entry, cash payment entry, and daily cash tracking with accurate balance calculations.
- Designed and developed Angular-based UI screens for cash-in and cash-out transactions with real-time balance updates.
- Built secure and scalable backend services using ASP.NET Core Web API and Entity Framework Core.
- Integrated the Cash Management module with billing, vendor payments, and member transaction modules.
- Optimized SQL queries and LINQ operations to improve performance and data retrieval speed.

Tech Education Manage - Education ERP System

Technologies: C#, ASP.NET MVC, ADO.NET, LINQ, SQL Server, JavaScript, AJAX, Bootstrap, HTML5, CSS3

- Contributed to the development of a web-based ERP system for managing educational institute operations including accounts, finance, students, training, and reporting.
- Created and developed the Expense Management Module to handle expense entry, categorization, approval, and tracking with accurate financial records.
- Developed add, edit, delete, and view expense forms with strong server-side validations and business rules.
- Integrated AJAX-based form submissions to improve user experience and reduce page reloads.
- Used ADO.NET and LINQ for efficient database communication and data manipulation.
- Designed and optimized SQL Server queries, joins, and indexes to improve expense data retrieval and reporting performance.
- Collaborated with cross-functional teams to integrate expense data with Billing, Client Management, Training, and Reporting modules.
- Participated in debugging, enhancement, and maintenance of existing ERP functionalities.

TS Client Hub

Technologies: C#, Windows Forms, ADO.NET, SQL Server

- Developed Windows Forms modules to manage lead registration, follow-ups, and client inquiries.
- Designed and applied screens to manage trainer profiles, availability, and assigned sessions.
- Added functionality to maintain trainer skill sets and active/inactive status.
- Applied session scheduling and trainer workload tracking features.
- Used ADO.NET to store, retrieve, and update trainer and session data in SQL Server.
- Generated trainer performance and session history reports for operational insights.

Company Website

Technologies: HTML, CSS, Bootstrap, JavaScript, jQuery

- Led the design and development of a responsive company website using HTML, CSS, and Bootstrap.
- Created interactive UI components, animations, and dynamic elements using JavaScript and jQuery.
- Implemented client-side form validations and smooth navigation to enhance user experience.
- Ensured cross-browser compatibility and full mobile responsiveness across devices.

Education

Bachelor of Computer Science (SPPU)