




Muhammad Tayyab

Software Engineer

Proficient Software Engineer with **5+ years** of work experience delivering code to a high standard consistently. Confident for working in **.NET Standard**, C#, ASP.NET, MVC/ WEB API, REST/ SOAP, JavaScript/ TypeScript, **Angular**/ KnockoutJS, SQL, Crystal Reporting. Core Competencies are software design patterns, object-oriented programming, SOLID principles, software architecture, problem-solving, analytical and communication skills

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Work Experience

Senior Software Engineer

Ascertia (Pvt) Ltd

Application Development

- Drive and Follow Agile/SCRUM meetings to deliver high-quality software releases every 2-week sprint.
- Collaborated with cross-functional teams to identify and resolve complex software problems
- Contributed to the development of software architecture and technical design.
- Provide technical support and troubleshoot production issues
- Support Migration from legacy to **.NET 6 Framework**.

Technologies

- Asp.net Core, EF Core/ Dapper, SQL, Oracle, CQRS, Mediator Pattern, JIRA, Bitbucket, Microservices Architecture

Senior Software Engineer

H3Solutions

End-to-End Software Development

- Oversaw **end-to-end software development** life cycle, **debugged applications** & configured **existing systems**
- Improved development and operational **processes by 30%**

Application Development

- Communicated with the **technology managers** to determine application requirements and designed the same accordingly.
- Organized & attended weekly **project meetings** with other technical staff members, **business owners**, and **SMEs**

Code Reviewing & Unit Testing

- Formed technical specifications & wrote **codes for .NET** software applications through pair **programming & code reviews**
- Participated in all **Scrum activities** including sprint planning, creating user stories, and **sprint retrospectives**
- Identified and **resolved project issues**, including issue tracking and escalation
- Created unit tests and reviewed the development of test protocols to test applications before UAT

Remote

Nov 2022 – Present

Hybrid

Mar 2019- Nov 2022

Technical Skills

- C#, ASP.NET (MVC/API)
- ASP.NET CORE
- Angular2+/ AngularJS
- SQL, MySQL, Oracle
- OOP and Data Structure
- HTML, CSS, Bootstrap
- TypeScript, JavaScript
- jQuery, Ajax, Axios
- Entity Framework, LINQ
- ADO .NET, Dapper
- JIRA, Bitbucket, SVN, GitLab
- Swagger, Postman
- Software Architecture
- Documentation and Testing

Soft Skills

- Teamwork and communication
- Creative Problem Solving
- Self-Learning
- Analytical Thinking
- Owning up to errors
- Time Management

Policy Formulation

- Formulated policies or patterns to raise the level of productivity of the entire **organization by 25%**
- Spearheaded & supervised a **team of 8+** junior developers and trained mentored them on designing & developing .NET applications

Troubleshooting & Issue Resolution

- Troubleshoot, debugged and **modified existing programs** to improve **performance by 30%**
- Coordinated with the clients to understand their requirements and how they translate to new **application features**

Technologies and Tools

- **Backend Frameworks and Languages**
 - C#, Asp.net (MVC/API), Asp.net Core, EF Core/ Dapper, ADO.Net, Asp.net Web Forms
- **Frontend Frameworks and Languages**
 - JavaScript, TypeScript, Angular, AngularJS, jQuery, HTML, CSS, Bootstrap
- **Database**
 - SQL, MySQL, Oracle
- **Tools and Source Control**
 - JIRA, SVN, GitHub, Git Lab, Bitbucket, Jenkin, Visual Studio, VS Code

Dot Net Developer

Faisalabad

[ShareServe](#)

2015-2019

Design and Development

- Part of redesign activities of web application to support web development technologies.
- Develop custom web applications for customer.
- Produce organized and clear documentation
- Enhance existing 3-tier architecture applications.

Technologies

- C#, SQL, .NET Core/.NET Framework, JavaScript, Angular, MVC/API

Projects

[Prime Ledge](#)

Project Description

- Multi-Tenant ERP solution offers **Order Management, Order Processing, Inventory, and Accounts**, and is designed to replace outdated legacy systems. It is tailored to small and medium-sized organizations and aims to streamline business operations.

My Role

- **Team Lead and Lead Backend Developer.**
- Contributed to the development of **software architecture** and technical design.
- I conduct code reviews and provide guidance to junior team members to help them improve their skills and complete tasks efficiently.
- I manage a team of eight or more, ensuring collaborative work and timely delivery.
- Provide technical support and troubleshoot production issues.

Technologies

- Angular, Asp.net Core, EF Core/ Dapper, SQL, Bitbucket, N Tier Architecture, Design Patterns

Education

BS Software Engineering (Hons)

Riphah International University

2015-2019

Islamabad Pakistan

Languages

- English ● ● ● ● ○
- Urdu ● ● ● ● ●

Hobbies

- Coding
- Reading
- Sports

Service Proz

Project Description

- US Based Software for Service Industry to manage and utilize workforce efficiently
- Modules include CRM, Work order Management, Invoice, Online Payment, Customize Calendar
- API'S Integration YouTube, Google Maps, Google Drive, clover connect Payment, QuickBooks

My Role and Contributions

- **Full Stack Developer.**
- Provided support and development services to US based Client long term.

Technologies

- ASP.net (Web API), Web Forms, jQuery, SQL and Crystal Reports.

Signing HUB

Project Description

- A complete Document Approval System for all kind of organizations
- Document Preparation, Review and Signing, Tracking and Management

My Role and Contributions

- **Senior Software Engineer**
- Contributed to the development of the project.
- Provide technical support and troubleshoot production issues.

Technologies

- Asp.Net (MVC), Asp.net Core, EF Core/ Dapper, SQL, Oracle, CQRS, Mediator Pattern, Microservices Architecture

Rental Scout

Project Description

- UAE-based property management system offers a comprehensive solution for buying, selling, and recording properties. We streamline the real estate transactions process with OCR API integration, allowing quick and accurate property information extraction.
- Our system features high-level architectural designs for front-end and back-end, ensuring robust and scalable operations.

My Role and Contributions

- **Full Stall Developer and Team Lead**
- Understanding of requirements, logic building, and application scaling.
- Refactoring and restructuring both front-end and back-end applications to achieve better performance.
- Through my expertise in SQL Query Optimization, Indexing of Tables, Asynchronous Programming, and Solid Principles, I have successfully improved the performance of various applications by up to **25%**. Additionally, I have made a significant impact on the Angular side application by reducing its build size from **30MB to 18MB**

Technologies

- Angular, Asp.net Core, EF Core/ Dapper, SQL, CQRS, Mediator Pattern,