



Faisal Shehbaz

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● ABOUT ME

Highly skilled Senior .NET Software Engineer with over six years of experience designing, developing, and maintaining scalable web and desktop applications. I possess expertise in .NET Core, C#, ASP.NET, and SQL Server, with a strong focus on cloud-based architectures using Microsoft Azure. I excel at building and integrating RESTful APIs, microservices, and enterprise solutions to optimize performance and enhance system efficiency. Proficient in full-stack development, I leverage modern front-end frameworks, database management systems, and DevOps practices. I have experience with CI/CD pipelines, Test-Driven Development (TDD), and Agile methodologies to ensure high-quality software delivery. I am passionate about problem-solving, performance optimization, and delivering robust, maintainable solutions. As a proactive team player with strong communication and leadership skills, I am committed to continuous learning and staying ahead of emerging technologies.

● WORK EXPERIENCE

15/10/2023 – CURRENT Australia

SENIOR SOFTWARE ENGINEER CONFIDENTIAL

- Developed and maintained scalable web and desktop applications using .NET Core, ASP.NET Core, C#, and SQL Server.
- Designed and integrated RESTful APIs and microservices to facilitate seamless communication between distributed systems.
- Implemented Azure cloud solutions, leveraging Azure App Services, Azure Functions, Service Bus, and Key Vault for enhanced security and scalability.
- Utilized Entity Framework Core (EF Core) for efficient database operations, ensuring high performance and data integrity.
- Led adopting best practices, including SOLID principles, Test-Driven Development (TDD), and CI/CD pipelines to streamline development workflows.
- Worked closely with cross-functional teams, including UI/UX designers, product managers, and QA engineers, to deliver high-quality software solutions.
- Developed and optimized performance-critical applications, improving response times and user experience.
- Conducted code reviews, mentorship, and technical guidance to enhance team productivity and maintain coding standards.
- Integrated third-party services and APIs, such as payment gateways, business intelligence tools, and authentication providers.
- Utilized agile methodologies (Scrum/Kanban) for sprint planning, backlog grooming, and iterative software delivery.

28/07/2022 – 14/10/2023 Lysaker, Norway

SENIOR SOFTWARE ENGINEER BASSNET

- Collaborate with stakeholders to understand business requirements and translate them into technical specifications.
- Design robust and scalable architecture for the .NET desktop WPF application, APIs, and web applications related to maritime shipping financial projects.
- Development of .NET desktop WPF application, ensuring high-quality code and adherence to coding standards.
- Implement APIs and web applications using .NET technologies to facilitate seamless data communication and user interaction.
- Stay abreast of the latest technologies and trends in the .NET ecosystem, recommending and implementing best practices and tools to enhance project efficiency.
- Work closely with cross-functional teams, including UI/UX designers, product managers, and quality assurance, to deliver a cohesive, integrated solution.
- Implement and advocate for unit testing and other testing methodologies to ensure the reliability and stability of the application.
- Collaborate with the QA team to conduct thorough testing and resolve identified issues.

- Implement security best practices to protect sensitive data and ensure compliance with industry standards.
- Perform regular security assessments and address vulnerabilities in the application
- Ensure compliance with industry regulations and standards related to maritime shipping and financial applications.
- Provide timely support for production issues, troubleshoot problems, and implement solutions to minimize downtime.
- Design and implement reporting functionalities within the applications, generating financial and operational reports based on user requirements.
- Utilize reporting tools and libraries compatible with the .NET ecosystem.
- Develop and maintain SQL database schemas, ensuring data integrity and optimal performance.
- Conduct database performance tuning and optimization.
- Advanced SQL knowledge (tools and scripting) in MSSQL.
- Create, maintain, and improve CI/CD pipelines
- Creating RESTful APIs for communication between front-end and back-end systems

18/02/2022 – 08/07/2022 New York, United States

SENIOR SOFTWARE ENGINEER INNROAD

1. Work closely with teammates to analyze system requirements, develop specifications, and provide accurate time and resource estimates for project planning.
 - Collaborate with other teams to ensure the integration of backend and front-end systems for a cohesive application.
 - Collaborate with cross-functional teams to ensure alignment between development efforts and overall business goals.
 - Communicate effectively with team members, providing technical guidance and support.
 - Utilize C# and ASP.NET Core to develop high-quality and performant backend systems, with a focus on Web APIs.
 - Implement and apply design patterns to architect complex consumer and enterprise applications.
 - Employ Object-Oriented Programming principles and SOLID principles to ensure maintainability and scalability of the codebase.
 - Lead and guide the development team in the adoption of best practices, including Test-Driven Development (TDD), and ensure the team's adherence to coding standards.
 - Collaborate with Product Owners to understand feature requirements and translate them into technical specifications.
 - Collaborate with cross-functional teams to integrate with Online Travel Agencies and Credit Card Providers for seamless operations.
 - Actively contribute to the improvement of development processes, tools, and methodologies within the team.

11/03/2019 – 05/01/2022 Lahore, Pakistan

SENIOR SOFTWARE ENGINEER TKXEL

- Participate in thorough requirements analysis, collaborating with internal and external teams to understand project needs and objectives.
- Collaborate with cross-functional teams to produce comprehensive software design and architecture that aligns with business goals and industry best practices.
- Write clean, scalable code using .NET programming languages such as C# and Visual Basic .NET.
- Utilize various .NET frameworks, including .NET Framework and .NET Core, to develop applications for both startup and enterprise-level projects.
- Conduct rigorous testing of applications and systems to ensure reliability and optimal performance.
- Deploy applications using industry-standard practices and tools.
- Revise, update, refactor, and debug code as needed to enhance functionality and address issues.
- Actively contribute to the improvement of existing software, implementing best practices and modern development techniques.
- Develop comprehensive documentation throughout the software development life cycle (SDLC), including design documents, code comments, and user guides.
- Proficient in Git for version control and experienced in utilizing REST APIs.
- Strong knowledge of ASP.NET Web API, ASP.NET, ASP.NET MVC, ASP.NET Core, and related frameworks.
- Familiarity with ADO .Net, LINQ, Entity Framework, and SQL Server Reporting Services (SSRS).
- Experience with cloud platforms, specifically Microsoft Azure, and using Azure DevOps for project management and deployment.
- Proficient in SQL and Transact-SQL (T-SQL) for database development using Microsoft SQL Server.
- Well-versed in Back-End and Full-Stack Development, following Agile Methodologies.
- Strong background in Object-Oriented Programming (OOP).
- Knowledge of the Software Development Life Cycle (SDLC) and Agile methodologies.
- Ability to contribute to Front-End development using JavaScript libraries.
- Proficiency in using Microsoft Office applications.

- Translate application storyboards and use cases into functional applications.
- Design, build, and maintain efficient, reusable, and reliable code using .NET languages (C#, VB .NET).
- Integrate database solutions, ensuring seamless data handling within applications.
- Develop software solutions and applications using Microsoft Dynamics ERP and CRM, SQL Database, and in-house developed applications.
- Adhere to established development methodologies and standards throughout the software development life cycle.
- Design and create various reports using tools such as Crystal Reports, SQL Server Reporting Services (SSRS), and other relevant technologies.
- Work closely with stakeholders to understand reporting requirements and deliver solutions that meet business needs.
- Manage and maintain SQL databases, ensuring optimal performance, data integrity, and security.
- Conduct regular database maintenance activities, including backups and performance tuning.
- Suggest improvements and changes in various areas of applications, and reports, and recommend redesigns for both front-end and back-end environments.
- Develop documentation throughout the software development life cycle (SDLC)
- Serve as an expert on applications and provide technical support
- Ensure the best possible performance, quality, and responsiveness of applications.
- Identify bottlenecks and bugs, and devise effective solutions to mitigate and address these issues.
- Provide technical support for web and desktop applications, assisting users with inquiries and issue resolution.
- Develop new applications or make enhancements according to project needs, ensuring alignment with business requirements.
- Conduct database programming using ADO.Net, Entity Framework, and LINQ.
- Work with SQL Server databases, including DDL/DML scripts, stored procedures, and triggers.

● EDUCATION AND TRAINING

2015 – 2017 Pakistan

MSC IT University of Sargodha

2013 – 2015 Pakistan

BSC IT University of Sargodha

● LANGUAGE SKILLS

Mother tongue(s): **URDU** | **PANJABI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

C# | C#, VB.NET | C# ASP.NET(core MVC & MVC 5) | Asp. Net MVC | .NET / .NET Core / .NET Framework | .NET 6 | ASP.Net WebForms | C# WPF MVVM | MVC | Winform | MVVM | Web services and RESTful APIs | Web API | WEB SERVICES | API gateway | Azure, Azure DevOps | Microservices Infrastructure | Monolithic Architecture | VSTS (Azure DevOps) | Atlassian stack (Jira, Confluence, ...) | TFS/VSTS/GIT/Bitbucket / Agile/Scrum | Bitbucket | Git | Entity Framework | Entity Framework / Entity FrameworkCore | LINQ | ADO .NET | SQL | MySQL | MSSQL | PostgreSQL | JavaScript | HTML | JQuery | CSS | Bootstrap | JavaScript - JQuery | JSON | React.js | Angular | Microsoft's RDLC (Reporting) | CRYSTAL REPORT | SQL Reporting Services (SSRS) | Postman | Visual Studio Code | SONARQUBE | OpenAPI/Swagger | JIRA: working with Projects and Issues | Atlassian (Bitbucket, Confluence, Jira) | L3 Support | Portal Azure | Active Directory | Azure KeyVault | Azure – Data Factory | Azure blob storage