Syed Faraz Abbas

Software Engineer

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PROFILE

Results-driven Software Engineer with expertise in .NET, C#, SQL Server, and Azure, skilled in designing and implementing scalable solutions. Experienced in utilizing Entity Framework (EF) and EF Core, as well as NHibernate, for efficient database management and ORM integration. Adept at developing and integrating robust Web APIs within agile methodologies to ensure timely project delivery. Strong focus on clean code principles, performance optimization, and collaboration with cross-functional teams to meet complex business requirements. Successfully completed multiple projects, delivering innovative and reliable solutions that align with organizational goals.

PROFESSIONAL EXPERIENCE

Software Engineer
CureMD

01/2024 – present
Lahore, Pakistan

As a Software Engineer at CureMD, played a pivotal role in the successful delivery of the Flowsheet related projects for the Oncology App, a critical component designed to enhance cancer care management workflows. Ensured timely completion of all project requirements while maintaining high-quality standards. Actively participated in code reviews, adhering to best practices and improving overall code quality. Operated within agile methodologies, contributing to sprint planning, daily stand-ups, and iterative development cycles. Provided Level 3 (L3) and live issues support, addressing operational challenges and ensuring minimal downtime for end-users. Focused on performance optimization, troubleshooting, and delivering robust solutions to meet client expectations and improve the overall system reliability.

Associate Software Engineer
CureMD

01/2023 – 01/2024
Lahore, Pakistan

In this role, I contributed to the development and enhancement of the Oncology App, a specialized healthcare solution designed to streamline cancer care management. Leveraged .NET, C#, and SQL Server to build scalable and efficient features tailored to the needs of oncology practices. Designed and integrated robust Web APIs and employed ORM like NHibernate to optimize database operations and system performance. Collaborated within an agile environment, ensuring timely delivery of critical functionalities while adhering to high-quality coding standards. Played a pivotal role in optimizing the app's performance and reliability, directly supporting healthcare professionals in improving patient care outcomes

Trainee Software Engineer
CureMD

Gained practical experience in .NET technologies, including C#, Web APIs, and SQL Server, Acquired comprehensive domain knowledge of oncology practices and collaborated effectively with cross-functional teams to ensure alignment with project goals. This was a internship program. Demonstrated a proactive approach to learning and applying technical skills to deliver meaningful contributions to the project.

EDUCATION

Bsc in Mechatronices Engineering
University of Engineering and Technology

2018 – 2022
Lahore, Pakistan

Intermediate
Punjab Group of Colleges

2015 – 2017
Lahore, Pakistan

Matriculation
Government Millat High Scho

2013 – 2015
Lahore, Pakista

SKILLS

- Dotnet Core Framework,
- C#
- Entity Framework Core
- Nhibernate
- Angular
- GIT
- Web APIs (Restful APIs)
- SQL server
- Agile Methodology
- Time Management
- Azure
- Visual Studio / Visual Studio Code
- Project Management

CERTIFICATES

- Advanced C#: Hands-on with LINQ, Dynamic Type, Extension Methods, and Tuples
- Project Execution: Running the Project
- Advanced C#: Object-Oriented Programming
- Project Initialization: Starting Successful Project
- Foundations of Project Management

PROJECTS

Automation of Report Generation for Practice.   2024

Completed the development of an automated task to streamline the generation of administrative reports for Practice. The project aimed to reduce manual effort, improve report accuracy, and provide timely insights for operational decisions. Key responsibilities included:

- Analyzed existing manual reporting workflows and identified inefficiencies to create a comprehensive automation strategy.
- Designed and implemented automated report generation using C# and .NET, ensuring alignment with business requirements.
- Integrated data from multiple sources, formatted it into user-friendly reports, and enabled scheduled generation and distribution.
- Collaborated with stakeholders to validate report accuracy.

Plan Creation Based on Action Validation   2024

Evaluated and implemented improvements to the system to ensure plans are created only when valid actions are performed. This initiative aimed to enhance system reliability by preventing unnecessary or erroneous plan creation. Key contributions included:

- Conducted a thorough evaluation of existing workflows to identify scenarios where plans were being created without valid actions.
- Designed and implemented logic to validate actions before triggering the plan creation process, ensuring compliance with business rules.
- Enhanced the system to block plan creation if no valid action was detected, reducing redundant processes and improving system efficiency.

- Collaborated with stakeholders to gather feedback and refine the validationcriteria, ensuring alignment with operational requirements.
- Performed rigorous testing to validate the functionality under multiple scenarios,ensuring the solution's robustness and reliability.

Developed Filtration and Visibility on Flowsheet Module

Designed and implemented an filtration feature on the Flowsheet module in our appto empower users with the ability to customize the display of therapies and related data. This functionality improved user experience by allowing focused analysis of required therapies. Key contributions included:

- Developed a robust filtration system enabling users to filter therapies based oncategories such as drugs, labs, and activities, ensuring precise control over displayed information.
- Added functionality for users to toggle the visibility of therapies, drugs, andactivities on the Flowsheet, offering a highly customizable interface.
- Incorporated intuitive UI/UX elements to streamline the filtration and displaytoggle processes, ensuring ease of use.
- Ensured seamless integration of filtration logic with the existing backend anddatabase, maintaining system performance and data integrity.
- Conducted thorough testing to validate the accuracy and efficiency of the filtrationmechanism across multiple use cases.

Many more.

LANGUAGES

English

Urdu

INTERESTS

Music
Chess
etc.