

Syed Faraz Abbas

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Professional Summary: Highly-motivated Software Engineer with over 2 years of experience in developing and managing high-quality software applications. Proficient in .NET technologies, C#, WebAPIs, SQL Server and Angular. Skilled in leveraging Agile methodologies and project management to deliver scalable, secure, and user-friendly solutions. A collaborative person who excels in environments and thrives under tight deadlines.

Professional Experience

Software Engineer:

Jan 2024 – Present

- Conducted in-depth analysis and developed a mechanism to prevent the creation of **95% unnecessary plans** in the system, ensuring data accuracy.
- Automated administrative report generation for the practice via SFTP, reducing manual workload by **100%** and efforts.
- Enhanced communication efficiency for healthcare practices by developing a reliable fax mechanism.
- Excluded drugs with hold flags from appointment remarks to minimize confusion.
- Implementing the Interactive Flowsheet features for our all clients in the system.
- Upgraded system infrastructure by updating NHibernate and NuGet packages across SmartClient and API projects.
- Resolved live issues with a **95% on-time resolution rate**, ensuring minimal disruption to system operations and maintaining service reliability.
- Reduced operational inefficiencies by eliminating redundant logging in Oncology APIs.

Associate Software Engineer

Jan 2023 –Jan 2024

- Improved clinical systems with improved usability and automation for healthcare professionals.
- Automated ICD code E86.0 addition for hydration drug orders, reducing manual effort by **100%**
- Optimized the display of drug names on flowsheet by implementing short-name, saving **20% screen space**.
- Enhanced flowsheet to allow direct entry of Performance Status and Adverse Events, reducing effort by **25%**.
- Introduced a feature to set default flowsheet templates, ensuring consistent template usage for care plans.
- Added functionality to enable selection of past and future duration ranges in flowsheet templates.
- Implemented a sorting mechanism for flowsheet modules, allowing users to customize the sequence on flowsheet.
- Developed customizable flowsheet views by implementing hide/display options for therapies, drugs, and other components, improving customization for **all providers**.
- Automated infusion rate calculations and integrated NDC auto-selection, increasing accuracy by **90%** and reducing manual input errors.

Education

UNIVERSITY OF ENGINEERING AND TECHNOLOGY, LAHORE.
Bachelors in Mechatronics Engineering (Minor software Engineer)

2018-2022

Skills

.Net framework / .Net Core Framework
C#
Angular Framework
SQL Server
Nhibernate
Entity Frmaework Core

Restful Web Apis
HTML / CSS
Project Management
English Speaking Skills
Agile methodology
JavaScript

Certificates

1. Advanced C#: Object-Oriented Programming
2. Advanced C#: Hands-on with LINQ, Dynamic Type, Extension Methods, and Tuples
3. Project Initiation: Starting a Successful Project
4. Project Execution: Running the Project
5. Foundations of Project Management