

Umar Farooq

Software Developer

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Professional Summary

I am a skilled .NET Developer with extensive experience in ASP.NET Core MVC, leveraging Dapper, ADO.NET, and Entity Framework for efficient database management, primarily with SQL Server. I have successfully developed and optimized systems, including Task Management Systems, AutoParts websites, and a comprehensive Restaurant Management System. Additionally, I have experience converting an e-commerce site (Gazebo) from ADO.NET to Dapper, significantly improving performance and scalability. Proficient in front-end development using Blazor and React, I excel in problem-solving and am passionate about delivering high-quality, user-friendly applications.

Work Experience

Junior Software Developer

07/2024 - Present

Sarhad University of Information and Technology, Peshawar, Pakistan

- Develop and maintain software systems for Sarhad University using ASP.NET Core MVC and React.
- Identify and fix bugs in legacy systems, enhancing stability and usability.
- Work on new feature development for existing software applications, addressing requirements and implementing improvements.
- Collaborate with senior team members on software design, ensuring scalability and reliability of systems.

Junior .NET Core Developer

12/2023 - 06/2024

HubSolutions, Peshawar, Pakistan

- Collaborated with the team to design, develop, and deploy projects using .NET Core MVC, contributing to both front-end and back-end development.
- Assisted in debugging and troubleshooting issues, identifying root causes, and implementing clean and efficient solutions.
- Helped create and test REST APIs to meet project requirements.
- Assisted in managing SQL databases by creating and optimizing stored procedures and maintaining table structures.
- Engaged in team meetings to brainstorm and implement features that align with project goals and client requirements.
- Contributed to personal skill development by actively participating in team projects and working on individual tasks for continuous improvement.

Internship as a .NET MVC Developer

08/2023 - 11/2023

HubSolutions, Peshawar, Pakistan

- Gained foundational understanding of .NET Core MVC development by observing and collaborating on real-world projects.

- Developed insights into project workflows, database management, and coding practices in a professional environment.
- Enhanced practical knowledge of SQL databases by working on tasks such as designing table structures and optimizing stored procedures.
- Participated in team discussions and hands-on tasks to understand project lifecycle and improve coding techniques.

Key Projects

Vedio Information System

VIS

Role: Junior Developer — Key Skills: .Net WebForm , SQL Server , React

- Working on the development of the Video Information System (VIS) for Sarhad University to manage the lifecycle of video content.
- Developed features to track the status of uploaded videos, from submission to approval.
- Implemented a process where videos are uploaded, edited by the editor, and their status is updated accordingly.
- Designed functionality for editors to update the video status and share links for review.
- Incorporated a review process where the respective lecturer verifies the video and provides feedback on its accuracy.
- Ensured seamless integration between the various roles involved in the video management process, including upload, editing, and review.

Restaurant Management System

RMS

Role: Junior Developer — Key Skills: ASP.NET Core MVC,Dapper, Blazor , SQL Server

- Collaborated with the team to develop a comprehensive Restaurant Management System for managing restaurant operations under a single backend and database.
- Designed a flexible system where restaurants can be added to their respective IDs, and each restaurant can operate independently while using a unified backend.
- Developed the front-end using Blazor for dynamic user interfaces and interaction with the backend system.
- Implemented ASP.NET Core MVC with Dapper for efficient data handling and communication between the front-end and database.
- Ensured all restaurants share a common SQL Server database, with front-end interfaces customized for each restaurant's specific needs.
- Contributed to the design and optimization of key features, improving operational efficiency and user experience.

Learning Projects

Task Management System , AutoPartsHub , Gazebo

Role: Intenee — Key Skills: ASP.NET Core MVC,Dapper ,EFCore , Sql Server

- **Task Management System for Software House:** Developed a system to manage projects, tasks, and team collaboration, with role-based access and task tracking.
- **AutoPartsHub E-commerce:** Worked on an e-commerce platform for car parts, focusing on product catalog, order processing, and integrating SQL Server for database management.
- **Gazebo Website Conversion:** Migrated the Gazebo website from ADO.NET to Dapper, improving performance and simplifying database operations.

Technical Skills

- ASP.NET Core MVC, REST API Development, C, ADO.NET, Entity Framework , Dapper
- SQL Server, Stored Procedures
- HTML, CSS, Bootstrap ,Javascript , Theme Conversion
- React , Blazor

Education

Bachelor of Studies in Computer Science <i>University of Peshawar, Pakistan</i>	09/2020 - 12/2024
Intermediate (FSC) <i>Islamia College Peshawar, Pakistan</i>	09/2018 - 07/2020
Matriculation <i>University Public School, Peshawar, Pakistan</i>	03/2007 - 04/2018

Languages

- English: Professional Working Proficiency
- Urdu: Native or Bilingual Proficiency
- Pushto: Native or Bilingual Proficiency

Interests

- Technology and Programming
- Islamic Studies
- Reading, Gaming