


Umar Jamal

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Professional Summary

Experienced and results-driven Software Developer with a strong background in C#, ASP.NET Core, and Entity Framework. Adept at designing, developing, and maintaining scalable web applications that are robust, efficient, and easy to maintain. Skilled in database management with SQL Server, as well as creating RESTful APIs using ASP.NET Web API. Proficient in front-end technologies such as HTML, CSS, and JavaScript, with exposure to modern libraries like React and Angular. Known for excellent problem-solving abilities and a collaborative approach to delivering high-quality software solutions.

Technical Skills

Programming Languages:

- **C#:** Strong proficiency in object-oriented programming (OOP) and .NET framework
- **ASP.NET / ASP.NET Core:** Expertise in building dynamic and scalable web applications
- **JavaScript:** Competent in front-end scripting for dynamic functionality

Frameworks & Libraries:

- **Entity Framework / EF Core:** Skilled in ORM for managing complex data interactions
- **ASP.NET Web API:** Advanced knowledge of building and consuming RESTful services
- **React, Angular:** Experience with modern JavaScript frameworks for building responsive UIs

Databases:

- **SQL Server:** Expertise in creating queries, stored procedures, and relational database management
- **NoSQL (MongoDB):** Basic knowledge of NoSQL databases and their application in modern systems

Development Tools:

- **Visual Studio:** Advanced user of Visual Studio for .NET development
- **Git:** Solid understanding of version control for team collaboration

Design Patterns & Practices:

- **MVC Architecture:** Strong understanding and experience with Model-View-Controller architecture
- **Design Patterns:** Familiar with Singleton, Repository, and Dependency Injection patterns

Web Services & APIs:

- **RESTful APIs:** Extensive experience building and consuming RESTful services for web and mobile applications
 - **SOAP:** Basic knowledge of SOAP-based web services
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Professional Experience

Software Developer

Dukanlay Solutions, Lahore | 2023 – Present

- Spearheaded the development and maintenance of web applications using ASP.NET Core, Entity Framework, and SQL Server.
 - Designed and implemented RESTful APIs to facilitate efficient data exchange between systems, improving overall application functionality.
 - Developed responsive front-end components using HTML, CSS, JavaScript, and React, ensuring seamless user experiences.
 - Collaborated closely with cross-functional teams to gather project requirements, define project scope, and deliver high-quality software solutions.
 - Utilized MVC architecture, alongside design patterns like Repository and Dependency Injection, to enhance code maintainability and scalability.
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Projects & Contributions

BankMind AI Project

- Contributed to the development of AI-driven solutions for BankMind AI, an innovative platform transforming the banking industry through advanced Artificial Intelligence.
- Enhanced backend performance and data processing efficiency to handle large datasets more effectively.
- Worked on building dynamic and responsive user interfaces using React and ASP.NET Core, improving the platform's usability.
- Project Link: [BankMind AI](#)

Online Store Web Application

- Developed an end-to-end e-commerce platform using ASP.NET Core for the back-end and React for the front-end, integrated with SQL Server for data management.
- Implemented user authentication, product catalog features, shopping cart functionality, and order management systems.

Inventory Management System API Development

- Designed and developed RESTful APIs for a warehouse management system to facilitate seamless integration with mobile apps and other external systems.
- Enabled real-time updates and efficient inventory tracking for improved operational workflows.

Education

Bachelor of Science in Computer Science (BSCS)
Virtual *University of Lahore* | 2024

Soft Skills

- **Problem-Solving:** Expertise in identifying issues, analyzing solutions, and implementing fixes effectively.
- **Communication:** Clear and concise communication, both written and verbal, with a focus on technical documentation and team collaboration.
- **Teamwork:** Collaborative in cross-functional teams, demonstrating flexibility in task delegation and project management.
- **Time Management:** Skilled in prioritizing tasks and managing multiple projects to meet deadlines and project goals.

References

Available upon request.