Aimen Umer

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Profile

Skilled Software Developer with expertise in .NET Core, Angular, SQL Server, and RESTful APIs. Experienced in developing scalable backend systems, implementing real-time communication using SignalR & WebRTC, and optimizing database performance. Proficient in designing, developing, and deploying enterprise applications with a strong focus on performance, security, and scalability. Passionate about building high-performance applications and leading development teams.

Work Experience

Enabling System, Rawalpindi   March 2023 to Present
.NET Core Developer

- Developed & Maintained scalable backend systems using **C#, .NET Core (5, 6, 8, 9)** ensuring high performance and reliability.
- Built & Optimized **RESTful APIs** to support **frontend applications & third-party integrations**.
- **Implemented Real-Time Communication** using **SignalR & WebRTC**, enhancing user engagement.
- **Optimized Database Performance** using **SQL Server & MongoDB**, ensuring **efficient data storage & retrieval.**
- **Integrated Secure Payment Gateways** like **Stripe & BitPay** for **cryptocurrency & traditional transactions.**
- Worked with **ADO.NET & Stored Procedures** for efficient **database interactions.**
- Implemented both **Code-First & Database-First approaches** in **Entity Framework Core**.
- **Implemented Secure Authentication in APIs** to enhance **application security**.
- **Led a Development Team**, conducting **code reviews** and enforcing **coding best practices**.
- Implemented **Machine Learning (ML) in .NET** to train data for **AI-based** solutions.
- Developed **NLP-based AI Chatbots**, enabling **intelligent and conversational user interactions.**
- **Debugged & Resolved** complex **technical issues**, **ensuring system stability**.

Enexol Pvt Ltd, Islamabad   Aug 2022 to Feb 2023
Jr. .NET Core Developer

- Developed **backend functionalities** and integrated RESTful APIs into applications.
- Optimized **SQL Server databases**, ensuring **efficient data management.**
- Enhanced **application performance** through **debugging & code reviews**.
- **Upgraded legacy systems** to improve **performance & maintainability**.
- Collaborated with **cross-functional teams** to align development goals with **business needs**.

AKSA-SDS, Islamabad   May 2022 to July 2022
.NET Core Developer (Intern)

- Built and deployed **ASP.NET Core Web APIs** for **enterprise applications**.
- Implemented **JWT Role-Based Authentication** for **secure user access**.
- Developed **front-end components** using **Angular CLI, Nebular Themes & Bootstrap**.
- Applied **Repository Patterns** for **optimized data access & management**.

Education

Bachelor of Science (B.S.) - Computer Sciences - 3.24   Feb 2018 to Jan 2022
National University of Modern Languages (NUML), Islamabad

Technical Skills

- .NET Core (5, 6, 8, 9), C#, ASP.NET MVC
- RESTful APIs, Microservices Architecture
- Real-Time Communication (SignalR, WebRTC)
- Angular CLI, HTML, CSS, Bootstrap
- SQL Server, MongoDB, MySQL
- Query Optimization & Performance Tuning
- ADO.NET & Stored Procedures
- Entity Framework Core (Code-First & Database-First Approaches)
- JWT Role-Based Authentication
- Secure Payment Gateway Integration (Stripe, BitPay)
- Secure Authentication in APIs
- AI-based Chatbot Development (NLP, OpenAI)
- Machine Learning in .NET
- Entity Framework Core, ADO.NET, Repository Pattern
- Debugging, System Optimization, Code Reviews
- Deployment & CI/CD Pipelines (AWS, Azure DevOps)

Certificate

1st Position in FYP - Open House Competitions, NUML Islamabad (2022)

Final Year Project (FYP) - COMMEHEC Competitions, ZABAIST Islamabad (2022)