

Hamza Khan

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PROFILE SUMMARY

As a recent Computer Science graduate, I focus on mastering back-end development with ASP.NET, leveraging skills in C, JavaScript, and C++. Proficient in MVC Core, Entity Framework, and 3-layer architecture, I am committed to continuous learning. Excited to contribute to innovative projects and advance my software development expertise.

WORK EXPERIENCE

AIRCOD TECHNOLOGIES | Associate Software Engineer .NET

June 2023 - present

- Developed and maintained web applications using ASP.NET MVC, ensuring efficient and scalable solutions.
- Utilized Entity Framework for high-performance data access, leveraging a 3-layer architecture for maintainability and flexibility.
- Worked on tools like Dev-Extreme for responsive UI features such as Dropdown, Pagination, etc.
- Worked on Middlewares and Dependency Injection
- Developed and maintained Web APIs to back-end systems.
- Utilized SQL Server for database design, optimization, and management, ensuring data integrity and scalability.
- Ensured high code quality, performance, and security by conducting thorough testing and participating in regular code reviews.
- Played a key role in troubleshooting, debugging, and resolving issues to maintain optimal application performance.

No Border Solutions | ReactJs Intern

July 2022 - Sep 2022

- Developed modern, interactive web applications using React.js, focusing on creating dynamic user interfaces and optimizing performance.
- Utilized React's component-based architecture for modular, maintainable code, and efficient state management.
- Created responsive designs using CSS frameworks and libraries to ensure a seamless user experience across devices.
- Collaborated with cross-functional teams to integrate front-end components with backend APIs and deliver cohesive solutions.

SKILLS

- | | |
|-----------------|------------------------|
| • ASP.NET MVC | • Entity Framework |
| • ASP.NET Core | • 3-layer architecture |
| • Dev-Extreme | • JavaScript |
| • ReactJs | • SQL Server |
| • C Sharp | • C++ |
| • Postman API's | • Hot Fixing |
| • HTML/CSS | • Data Mapping |

PROJECTS

AIRVIEWX

Jun 2023 - present | AIRCOD TECHNOLOGIES

- Embed Map in view and add functionality to set multiple routes and download as KML file.
- Implemented dropdown pagination, select2, and stored them in cache throughout the system.
- Created multiple APIs such as SearchByRole and JWT token.
- Created SMS APIs and implemented OneSignal API for notifications.
- Created a QR code generator that shows all of the available services.
- Created middlewares for authentication.
- Developed multiple regex methods.
- Worked on creating CRUD operations in 3-layer architecture.

SIGNALR

July 2023 - Aug 2023 | AIRCOD TECHNOLOGIES

- Developed a real-time chat application using SignalR, enabling instant message exchange between server and clients. Implemented SignalR hubs and integrated WebSockets for optimal performance and seamless communication. Showcased proficiency in real-time web development and advanced technologies for enhanced user experiences.

Kissan Dost Web App

October 2022 - July 2023 | UET

- Developed an innovative digital platform to support local agriculture and land management using the MERN stack.
- Designed a C2C (consumer-to-consumer) model for local sale and purchase of agricultural products.
- Integrated advanced digital solutions to enhance agricultural practices and drive industry transformation.

University management system

Oct 2022 - Dec 2022 | UET

- Designed and implemented a student data database for efficient storage and retrieval of records.
- Performed data entry, updates, and deletions with professional queries, ensuring data accuracy.
- Optimized queries and structures for faster data retrieval and improved user experience.
- Collaborated with team members to resolve data-related issues and support other systems.

EDUCATION

University Of Engineering And Technology UET, Lahore

BS IN COMPUTER SCIENCE

2019 - 2023

Abaidullah Group Of Collages, Pakpattan

Pre-Engineering

2017 - 2019