MUHAMMAD ABUBAKAR

Full Stack Developer | Dot Net Developer | MVC Developer

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SUMMARY

Experienced Full Stack Developer with over 4 years of expertise indesigning, developing, and implementing web applications using the .NET framework. Proficient in C#, ASP.NET Core, MVC, Web API, and front-end technologies such as React JS, Angular, and Ionic. Adept in building RESTful APIs, integrating third-party services, and optimizing databases with SQL Server and Azure. Strong background in Agile methodologies, with a proven track record of delivering scalable solutions. Skilled in managing full development life cycles, from planning and coding to deployment and support.

SKILLS

Front-End Skills

- HTML5, CSS3,and JavaScript (ES6+)
- Expertise in React JS, Angular, and Ionic for building responsive and dynamic UIs
- Proficient in TypeScript for writing strongly-typed, maintainable code
- Skilled in SASS, LESS, and Bootstrap for CSS optimization and UI consistency
- Experience in Tailwind CSS for modern, utility-first styling
- Knowledge of UI/UX best practices for crafting intuitive, user-friendly interfaces
- Cross-browser compatibility and responsive design using media queries
- Version control with Git, and collaboration using GitHub and BitbucketWebpack and Parcel for bundling and optimizing front-end assets
- Familiarity with Progressive Web Apps (PWA) and Service Workers for enhanced web functionality
- Experience with Figma and Adobe XD for UI prototyping and design collaboration

Back-End Skills

- StronginASP.NETCore, .NET Framework, MVC, and Web API development
- Experience with Node.js and Express for JavaScript backend applications
- Expertise in building and consuming RESTful APIs and microservices
- Proficient in SQL Server, Azure SQL, and Entity Framework for database design and optimization
- Experience with LINQ for efficient querying and data manipulation
- Knowledge of JWT, OAuth, and IdentityServer for secure authentication
- Experience with Azure and AWS cloud services for deployment and scaling
- CI/CD pipelines with Azure DevOps, Jenkins, and version control integration
- Familiarity with Agile methodologies and Scrum practices

PROFESSIONAL EXPERIENCE

Cloud Quick Company | 2022 - Present
Senior Full Stack Developer

- Architected and developed scalable enterprise solutions using ASP.NET MVC and AngularJS.
- Built and maintained secure Web APIs for user management, scheduling, and data processing.
- Designed and optimized SQL Server databases with Entity Framework for data consistency and performance.
- Implemented real-time features such as notifications and live updates with SignalR.
- Delivered cross-platform mobile support using Ionic Framework integrated with AngularJS frontends.

Ewarenet Company | 2020 - 2022
Full Stack Developer

- Developed backend services using ASP.NET MVC and Web API, creating RESTful APIs for healthcare and enterprise applications.
- Built interactive web interfaces with AngularJS, delivering dynamic, responsive, and user-friendly experiences.
- Designed and optimized relational database schemas in SQL Server, using Entity Framework and LINQ for efficient data operations.
- Integrated secure authentication and authorization mechanisms with JWT, ensuring role-based access and data security.
- Enhanced UI/UX with Bootstrap and Tailwind CSS, providing modern, responsive layouts for web applications.

PROJECTS

Vaccination Management System
Technologies : ASP.NET MVC, Web API, AngularJS, SQL Server, Entity Framework, Bootstrap, JWT

Contributions & Work Done:

- Developed secure backend APIs for vaccine inventory, scheduling, and patient record management.
- Built a responsive AngularJS-based frontend for appointment booking, vaccination tracking, and reporting.
- Implemented role-based access control (RBAC) for admins, doctors, and patients.
- Designed reporting dashboards using SQL Server queries, LINQ, and AngularJS visualizations.
- Enhanced system performance with optimized stored procedures and caching strategies.

Healthcare Management Platform
Technologies : ASP.NET MVC, AngularJS, SQL Server, Entity Framework, SignalR, Tailwind CSS

Contributions & Work Done:

- Designed and developed a modular hospital platform to manage patients, doctors, and billing.
- Implemented real-time notifications using SignalR for appointment reminders and system alerts.
- Developed patient dashboards and analytics charts with AngularJS.
- Secured sensitive data with JWT authentication and strong role-based permissions.
- Improved database efficiency through indexing, optimized LINQ queries, and Entity Framework migrations.

Hospital Management System

Technologies : ASP.NET MVC, AngularJS, SQL Server, Entity Framework, Bootstrap

Contributions & Work Done:

- Designed and developed a hospital management solution using ASP.NET MVC as the core backend framework, ensuring a clean, modular, and maintainable architecture.
- Implemented patient registration, appointment scheduling, electronic medical records (EMR), billing, and pharmacy modules.
- Built role-based dashboards for doctors, nurses, administrative staff, and patients, tailored to their specific workflows.
- Developed a staff management system to handle duty rosters, leave management, and departmental assignments.
- Integrated SQL Server stored procedures and Entity Framework for efficient reporting on patient history, revenue tracking, and resource utilization.
- Applied the Repository and Unit-of-Work patterns to improve testability, maintainability, and separation of concerns in the MVC application.
- Designed an intuitive AngularJS-driven frontend, providing real-time data updates for appointments and medical reports.
- Enhanced security and compliance by implementing authentication, authorization, and secure data handling for sensitive patient information.

EventCombo – Event Management System

Technologies : ASP.NET MVC, AngularJS, SQL Server, Entity Framework, Bootstrap, Tailwind CSS

Contributions & Work Done:

- Designed and developed a comprehensive event management system using ASP.NET MVC for backend logic and AngularJS for interactive front-end modules.
- Implemented core functionalities including event creation, scheduling, attendee registration, ticket booking, and vendor management.
- Built payment tracking and financial reporting modules with SQL Server and Entity Framework, ensuring accuracy and transparency.
- Integrated role-based access control to provide separate interfaces for organizers, attendees, and administrators.
- Designed an intuitive and responsive user interface with Bootstrap and AngularJS directives, enhancing the overall user experience.
- Developed review and feedback modules that allowed attendees to share experiences, enabling organizers to improve event quality.
- Optimized backend performance by refactoring MVC controllers, applying repository and unit-of-work patterns, and improving SQL queries.
- Delivered a scalable and maintainable architecture to handle large-scale events and multiple concurrent users.

EDUCATION

Gomal University D I Khan

Bachelor's Degree in Software Engineering
2016 – 2020