**Name: Venkatesh B**

**.Net Full Stack Developer**

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**Professional Summary:**

* Over 10+ years of experience in developing scalable and robust web applications using .NET technologies including **ASP.NET MVC**, **VB.NET**, and **C#.**
* Proficient in implementing **ASP.NET WebAPI** and **RESTful** web services, enhancing application connectivity and integration capabilities.
* Expert in **ADO.Net**, with a strong command of **T-SQL**, ensuring efficient data management and manipulation.
* Advanced knowledge of front-end development with **HTML5, CSS3, JavaScript, jQuery, Angular 15**, and **React Js**, creating responsive and user-friendly interfaces.
* Experienced in using **Azure DevOps** for continuous integration and delivery, improving team productivity and software quality.
* Seasoned **AWS** professional skilled in designing, deploying, and managing scalable and secure cloud solutions to optimize performance and cost.
* Skilled in database management and operations using **SQL Server 2019, SSMS, and PostgreSQL**, ensuring robust data integrity and performance.
* Expertise in client-side scripting and framework implementation with **KnockoutJS**, **Kendo UI, and Bootstrap,** optimizing web application interactivity and design.
* Developed complex applications with **.Net Core 3.0** and **.NET 6**, utilizing modern practices and patterns to maintain high-performance standards.
* Utilized **Visual Studio .NET 2019** and VS Code for efficient coding, debugging, and version control with **GITLAB** and **BitBucket.**
* Proficient in implementing Identity Access Management and Active Directory, ensuring secure and compliant user authentication and authorization processes.
* Designed and deployed **Progressive Web Applications (PWA**), enhancing mobile accessibility and offline functionality.
* Experienced in Data Modeling and ORM techniques, efficiently mapping application data entities to database schema.
* Skilled in using **JIRA** and **TFS** for agile project management and scrum methodology, facilitating effective team collaboration and project tracking.
* Developed User Controls and Blazor components for rich interactive web experiences, reducing page reloads and enhancing user engagement.
* Deep understanding of **OOP** principles and design patterns, enabling the creation of clean, modular, and scalable code.
* Proficient in **TDD** practices and using Fluent Validation to enforce business rules and data validation at various stages of software development.
* Expertise in using **SignalR** for real-time web functionalities, allowing instant content updates and interactive features across user interfaces.
* Applied **Docker** for creating isolated environments, ensuring consistency across development, testing, and production stages

 **Technical Skills:**

**Programming Languages:** C#, VB.NET, JavaScript, HTML, CSS, T-SQL

**Frameworks & Libraries:** .NET 6, .Net Core 3.0, ASP.NET WebAPI, ASP.NET MVC, ADO.Net, Blazor, jQuery, Angular (4, 15), KnockoutJS, Kendo UI, ReactJS, OOP, Redux, Bootstrap, SOAP

**Databases:** SQL Server (2017, 2019, 2016 R2 Enterprise), Cosmos DB, PostgreSQL, Studio 3T (Mongo), ODP.NET

**DevOps & CI/CD:** Azure DevOps, Jenkins, Docker, GITLAB, BitBucket, TFS, JIRA, Team Foundation Server (TFS) 2010

**Cloud:** Azure, Azure Kubernetes services (AKS), Azure App Services, Azure Cosmos DB, AWS

**IDEs & Tools:** Visual Studio (.NET 2019, 2017, 2010), VS Code, SSMS, ER/Studio, Toad Oracle 11g

**Web Technologies:** HTML5, CSS3, AJAX, Web Forms, Restful web services, Web API, JSON, XML, XSLT

**Design & Architecture:** MVVM, Design Patterns, Data Modeling, SOA, Identity Access Management, User Controls

**Testing & Methodologies:** TDD, Scrum Methodology, Fluent Validation

**Miscellaneous:** IIS (7.0, 8.0), SharePoint 2013, MS Office, PWA, CID, DEV Apps, Active Directory, Grafana, Serilog, Crystal Reports

 **Professional Experience**

 **Broadridge, Lake Success, NY**

 **Sr. .Net Full Stack Developer November 2021 to Present**

**Responsibilities:**

* Developed dynamic web applications using ASP.NET MVC 5 and ASP.NET WebAPI, effectively integrating LINQ for data querying which enhanced application performance and user experience.
* Implemented Azure DevOps pipelines for continuous integration and continuous deployment (CI/CD), significantly reducing deployment time and increasing code quality.
* Utilized Visual Studio .NET 2019 for robust software development, leveraging its integrated development environment to enhance coding efficiency and accuracy.
* Designed and maintained SQL databases using SQL Server 2019, implementing database schemas, writing complex queries, and optimizing performance through efficient indexing.
* Crafted responsive user interfaces using HTML5, CSS3, and Bootstrap, ensuring cross-browser compatibility and optimal user experience on both desktop and mobile devices.
* Developed client-side functionalities using jQuery and Angular 15, which facilitated the creation of interactive and dynamic web applications.
* Developed a data access layer with ADO.Net, enabling robust and efficient interaction with SQL databases, leading to a 20% increase in data retrieval performance.
* Integrated ReactJS and Redux to create dynamic single-page applications, enhancing user interactions and state management across complex healthcare systems.
* Leveraged React Native for developing cross-platform mobile applications, which significantly improved the accessibility of healthcare services for mobile users.
* Integrated Ajax and RESTful web services for asynchronous data exchanges between the server and the client, enhancing web application performance and scalability.
* Managed application state and real-time communications using SignalR, facilitating real-time features like chat and live notifications within applications.
* Employed Web Forms to build traditional web pages and handled form submissions, maintaining legacy systems and ensuring seamless functionality.
* Configured and maintained web servers using IIS 7.0, setting up security, handling deployments, and optimizing server performance.
* Designed and managed Azure Cosmos DB and Azure App Services for financial, ensuring robust, scalable, and high-performing fintech solutions.
* Programmed in both C# and VB.Net, applying best practices and design patterns to develop scalable and maintainable code.
* Utilized Blazor for building interactive web UIs using C# instead of JavaScript, which streamlined the development process by using a single-language stack.
* Implemented Docker containeras to encapsulate application environments, ensuring consistency across development, staging, and production setups.
* Utilized Team Foundation Server (TFS) for source control and project management, enhancing team collaboration and trackability of project milestones.
* Enhanced application interfaces with Bootstrap and CSS3, implementing responsive design principles to ensure seamless display on various devices.
* Optimized web applications for performance and speed using Ajax calls and client-side scripting, reducing page load times, and improving user experience.
* Applied OOP principles in the development of the management system, promoting modular architecture and code reusability across multiple projects.
* Integrated SignalR to enable real-time web functionalities, allowing for instant data updates and interactive features across user interfaces.
* Led the migration of older applications to modern architectures using .NET 6, improving scalability and maintainability while adhering to industry best practices.
* Spearheaded the development and integration of RESTful web services to streamline communication between the frontend and backend systems, enhancing overall application efficiency.

Environment: Asp.Net WebAPI ,LINQ. Azure DevOps, Visual studio .NET 2019, .Net 6, Asp.Net MVC 5, VB.Net, HTML5, CSS3, jQuery, ADO.Net, Reactjs, Ajax, OOP, Restful web services, Web Forms, Bootstrap, IIS 7.0, Azure, Azure App Services, Azure Cosmos DB, Blazor, SignalR, Docker, TFS, SQL Server 2019.

**Molina healthcare, Bothell, WA**

**.Net Full Stack Developer April 2019 to October 2021**

**Responsibilities:**

* Developed and maintained web applications using ASP.NET Core, implementing both C# and VB.NET to deliver robust healthcare solutions that improved patient management systems.
* Designed responsive user interfaces using HTML5 and CSS3, ensuring that applications were accessible and user-friendly across all devices.
* Designed and implemented complex user interfaces using advanced features of Angular 15, such as dynamic forms and modular components, enhancing frontend functionality and user engagement.
* Utilized KnockoutJS and Kendo UI to build rich, user-friendly web interfaces, improving the interactivity and responsiveness of web applications.
* Configured and managed applications using Microsoft Internet Information Services (IIS), ensuring high availability and scalability of healthcare applications.
* Applied OOP (Object-Oriented Programming) principles to create modular, scalable, and maintainable code for various Healthcare services.
* Utilized Visual Studio 2017 and VS Code for software development, enhancing coding efficiency through advanced debugging and code management tools.
* Implemented Test-Driven Development (TDD) methodologies to ensure code reliability and reduce bugs in application development phases.
* Managed databases using SQL 2017, SSMS, and Studio 3T (Mongo), optimizing data storage and retrieval processes essential for healthcare analytics.
* Developed comprehensive reports using SQL Server Reporting Services (SSRS) and data integration services with SQL Server Integration Services (SSIS), improving data-driven decision-making in healthcare management.
* Implemented ORM techniques to abstract database access, enhancing application performance and maintainability.
* Developed interactive web components using Blazor 3.2, allowing real-time interaction within web applications without relying on traditional JavaScript frameworks.
* Ensured data validation and integrity using Fluent Validation, significantly improving data accuracy and user input validation processes.
* Integrated Grafana for real-time data visualization, providing healthcare administrators with actionable insights through dashboards.
* Managed application logging and monitoring using Serilog, enabling efficient tracking of application behavior and user activities.
* Engineered and deployed scalable, high-availability applications on AWS, leveraging services such as EC2, S3, RDS, and Lambda to enhance performance.
* Implemented data integration workflows using AWS Glue and AWS Lambda, resulting in a unified data platform that improved data accessibility and analytics capabilities across the organization.
* Managed source code and version control using Bitbucket, enhancing team collaboration and code consistency across development stages.
* Applied security best practices within application development, ensuring compliance with healthcare regulations and safeguarding patient data.
* Optimized web application performance, employing caching and asynchronous programming techniques to handle large scale user access and data processing.
* Conducted rigorous backend testing to validate databases and server-side logic, ensuring all components interacted seamlessly and efficiently.

Environment: Visual studio, VS Code, SSMS, Studio 3T (Mongo), HTML 5, CSS 3, Angular 15, KnockoutJS, Kendo UI, Redux, Native, IIS, AWS, OOP, C#, VB.Net, ASP.NET Core, TDD, SQL 2017, SQL Server Integration Services (SSIS), SQL server Reporting Services (SSRS), ORM, Visual Studio 2017, blazor 3.2, Fluent Validation, Grafana, Serilog, Bitbucket.

**Chewy, Dania Beach, FL**

**.Net Full Stack Developer July 2017 to March 2019**

**Responsibilities:**

* Developed scalable e-commerce solutions using .NET Framework and .Net Core 3.0, significantly enhancing application performance and customer experience.
* Designed and implemented robust web applications using ASP.NET 4.5 and MVC 5, focusing on modular architecture and responsive design.
* Utilized Angular 10 and Bootstrap to create dynamic and interactive user interfaces, improving usability and aesthetic appeal of web applications.
* Configured and maintained Windows 10 development environments, integrating CID tools and DEV Apps to streamline development processes.
* Led the development of Progressive Web Applications (PWA), enhancing mobile accessibility and offline functionality for e-commerce platforms.
* Managed project workflows using JIRA, ensuring timely delivery of development milestones and effective issue resolution.
* Implemented Jenkins for continuous integration and delivery, automating builds and testing to reduce errors and improve deployment efficiency.
* Integrated Azure cloud services for hosting and managing applications, leveraging Azure’s scalability to handle high traffic volumes.
* Managed and optimized Azure Kubernetes Services (AKS) for Molina Healthcare, ensuring scalable, secure, and efficient containerized application deployments.
* Customized User Controls and developed reusable components in Visual Studio 2017, increasing development efficiency and consistency across projects.
* Utilized GITLAB and TFS for version control, facilitating collaboration among the development team and maintaining code integrity.
* Conducted data modeling using ER/Studio, enhancing database design, and ensuring robust data management for application back-ends.
* Implemented ODP.NET for data access in Oracle databases, optimizing data interactions and improving performance of database-driven applications.
* Maintained and upgraded legacy systems written in VB6s and migrated functionalities to VB.Net, ensuring modernization of applications without disrupting existing services.
* Developed Web Forms and integrated with SharePoint 2013 for internal tools, improving collaboration and data sharing among internal teams.
* Created APIs using Web API and AJAX to facilitate seamless data exchange between the front-end and back-end systems, enhancing application integration and user experience.
* Applied various Design Patterns to solve common software design problems, ensuring scalable and maintainable code.
* Managed SQL databases including Cosmos DB, PostgreSQL, and MS SQL 2016 R2 Enterprise Server, implementing efficient querying, and ensuring data security.
* Integrated Swagger for API documentation, making it easier for developers to understand and use APIs effectively.
* Configured Active Directory for application security, managing user authentication and authorization across enterprise applications.
* Programmed in C# and used SOA principles to design and develop scalable services, improving modularity and flexibility of applications.
* Administered IIS 8.0 servers, ensuring optimal configuration and performance for web applications.
* Utilized jQuery, CSS, HTML5, and JavaScript to enhance front-end functionalities and interactions, creating a seamless user experience on the e-commerce platform.

Environment: .NET, ASP.NET 4.5,.Net Core 3.0, MVC 5, .Net Framework, Angular 10, Windows 10, CID, PWA, DEV Apps, JIRA, Jenkins, Azure, Kubernetes Services (AKS) , Visual Studio 2017, GITLAB, TFS, ER/Studio, Data Modeling, ODP.NET, VB6, SharePoint 2013, VB.Net, Web Forms, JSON, Web API, AJAX, Design patterns, Bootstrap, SQL, Cosmos DB, PostgreSQL, MS SQL 2016 R2 enterprise server, swagger, XML, Active Directory, C#, SOA, IIS8.0, JQUERY and CSS, HTML5, SOAP, LINQ, JavaScript, HTML.

**Wave lab Technologies, India**

**Software Engineer July 2014 to April 2017**

**Responsibilities:**

* Developed and maintained scalable web applications using C#, VB.NET, and ASP.NET MVC, consistently meeting client specifications and project deadlines.
* Implemented WCF Services to build service-oriented applications, enabling secure and reliable communication across web services.
* Leveraged MS Office integrations to generate dynamic reports and dashboards, enhancing the business decision-making process.
* Designed user interfaces using HTML, CSS, JavaScript, and jQuery, improving usability and accessibility for end-users.
* Created data interaction layers using ADO.NET, JSON, and AJAX, ensuring efficient data manipulation and retrieval.
* Employed MVVM design patterns in application development to promote a clean separation between business logic and UI, enhancing testability and maintenance.
* Configured and managed application security with Active Directory, safeguarding sensitive data and ensuring compliance with data protection regulations.
* Developed and consumed Web Services and Web API, facilitating seamless integration with third-party services and enhancing application functionality.
* Produced complex reports using Crystal Reports, providing stakeholders with insightful data visualizations and analytics.
* Utilized XSLT to transform XML documents into HTML, PDF, and other formats, improving data presentation and report generation.
* Managed source code and project workflows using Team Foundation Server (TFS) 2010, fostering collaboration and effective version control among the development team.

Environment: VB.NET, C#, ASP.NET MVC, VB.NET, WCF Services, MS Office, HTML, CSS, JavaScript, JQUERY, JSON, MVVM, AJAX, ADO.NET, XML, DML, Team Foundation Server (TFS) 2010, HTTP, scrum methodology, VS 2010, Active Directory, Web Service, Crystal Reports, XSLT, Toad Oracle 11g.