**Sivaganesh Bathula
.Net Developer
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**SUMMARY:**

* Over 4+ years of software development experience in Microsoft .Net Technologies.
* Proficient in developing robust N-Tier applications, spanning front end, middle tier, and back end components.
* Proficient in AJAX implementation for optimizing user experience and system efficiency.
* Strong knowledge base in LINQ, ADO.NET Entity Data Model Framework, SQL Server Integration Services (SSIS), and SQL Server Reporting Services (SSRS).
* Solid understanding of Object-Oriented Analysis and Design, Agile Development methodologies, and MVC architecture.
* Proficient in containerization technologies, particularly Docker, for packaging, distributing, and managing data engineering applications.
* Familiarity with ASP.NET MVC 6.2, Configuration Management tools, and Agile/Scrum practices.
* Extensive expertise in utilizing Microsoft Entity Framework Code First for Data Access Layer within ASP.NET MVC frameworks.
* Hands-on experience with Rest Services, Web API, and Single Page Applications (SPA) leveraging AngularJS.
* Skilled in creating and managing virtual machines in Windows Azure, including setting up communication via endpoints.
* Proficient in frontend development with Angular framework, building interactive user interfaces for data visualization and reporting dashboards.
* Skilled in mentoring development teams and contributing to software/hardware requirement analysis.
* Proficient in utilizing Configuration Management tools such as Visual Source Safe (VSS), SVN, Team Foundation Server (TFS), and GitHub.
* Demonstrated mastery in .NET Framework, encompassing WCF, and extensive utilization of ASP.NET controls for seamless web form and page design.
* Deep understanding of industry compliance standards such as HIPAA, GDPR, or PCI DSS.
* Hands-on experience in designing and implementing micro services-based architectures using .NET technologies, including containerization with Docker and orchestration with Kubernetes.
* Proficient in developing cross-platform mobile applications using Xamarin, Xamarin.Forms, and Xamarin Native, leveraging C# and .NET framework.
* Experienced in creating Views, Partial Views, and Sections within ASP.NET MVC, alongside Controllers, Controller Actions, Filters, and Routing.
* Implemented service discovery and load balancing using AWS Elastic Load Balancing (ELB) and Amazon Route 53 for seamless traffic routing.
* Strong proficiency in designing and implementing ASP.NET controls, JavaScript functionalities, and client-side validations for enhanced user interactions.
* Well-versed in client-side validation using JavaScript and adept in crafting intricate queries, stored procedures, triggers, and cursors in SQL Server 2019.
* Proficient in a spectrum of web technologies such as XML, XSLT, XPATH, HTML, DHTML, CSS, and jQuery.
* Experienced in ensuring compliance with Health Insurance Portability and Accountability Act (HIPAA) regulations for safeguarding personal health information (PHI).
* Proficient in SQL Server Database design, maintenance, T-SQL queries, LINQ queries, Stored Procedures, Views, Functions, and Triggers.
* Strong background in crafting visually appealing GUIs with AJAX toolkit, CSS, Master pages, Telerik controls, and jQuery within ASP.NET Web Forms using HTML5.
* Sound understanding of architecture design principles, n-tier architecture, design patterns (Singleton, Factory, Repository), architectural patterns (MVC, MVP, MVVM), and algorithms (Searching, Sorting, Recursion).

**TECHNICAL SKILLS :**

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| **Languages** | C#.NET, SQL, PL/SQL. |
| **.NET Technologies** | .NET Framework 4/5/4.0/3.5, WPF, Silverlight, ASP.NET MVC, Web Service, ASP.NET 4.0/3.5, ADO.NET, WCF, ADO.NET, LINQ, AJAX, PRISM, Unity Multithreading, Parallel Programming |
| **Web Technologies** | HTML/HTML5, DHTML, XML, JSON, CSS/CSS3, Java Script, jQuery, Angular.JS (v14.0). Knockout.JS, React.JS, Node.JS, Vue.JS, Typescript, Express.JS, Bootstrap and KendoUI. |
| **Database** | SQL Server 2019, Oracle 9i, SSRS, SSIS |
| **Development Tools** | Visual Studio, SSMS, SQL Profiler |
| **Visual & Design Tool** | Microsoft Visio, Figma, Bootstrap Studio |
| **SharePoint Technologies** | Custom Web Part, Document Management, Web Content Management, Search Configuration, Custom Coding |
| **Cloud Service** | Microsoft Azure, Amazon Web Service, Oracle Cloud |
| **Web Servers** | Internet Information Server (IIS) |
| **Version Controller** | Visual Source Safe, Team Foundation Server |
| **Operating Systems** | Windows XP/ Vista/ 7, Windows 2010/2008/2003 server |
| **Unit Test Tools** | MS Visual Studio Test edition (Team Suite) |
| **Methodologies** | Agile, Waterfall (SDLC), Iterative |
| **Others** | MS Office, UML, Visio, Telerik Controls for ASP.NET, Silverlight, Entity Framework |

**EDUCATION** : Masters in **Computer Science** From **Wichita State University**

**PROFESSIONAL EXPERIENCE:**

**Client: Galileo Financial Technologies, Sandy, UT March 2022 to Present**

**Role: .Net Full Stack Developer**

**Responsibilities:**

* Demonstrated proficiency in agile methodologies, particularly Scrum, while adhering to Test-Driven Development (TDD) practices and applying Domain Driven Design (DDD) principles.
* Knowledgeable about setting up CI/CD pipelines for Xamarin projects using tools like Azure DevOps or Jenkins, automating build, testing, and deployment processes.
* Architected authentication mechanisms for C# .NET applications, leveraging the .NET Framework, Model View Controller (MVC) architecture, and IIS security protocols.
* Implemented Object-Oriented Programming (OOP) principles to craft robust and maintainable C# application code.
* Spearheaded the development of an internal departmental application spanning web and mobile platforms, employing .NET Core MVC, Web API, and Angular frameworks.
* Create robust, efficient, and secure server-side code using .NET languages like C# or VB.NET, and frameworks like ASP.NET Core or ASP.NET MVC.
* Utilize version control systems such as Git for managing source code, branching, and collaboration with other developers.
* Write unit tests, conduct automated testing, and troubleshoot/debug software issues to ensure high quality and reliability of the application.
* Develop, test, and maintain scalable software applications using the .NET framework and related technologies.
* Deploy applications to various environments (development, staging, production) and participate in DevOps practices such as continuous integration, continuous deployment (CI/CD), and infrastructure automation.
* Crafted user interfaces in ASP.NET using Webforms, alongside constructing Web APIs using ASP.NET Web API.
* Revamped legacy subsystems utilizing ASP.NET Web Forms/MVC6 and LINQ to SQL for enhanced efficiency and maintainability.
* Collaborate with cross-functional teams including software engineers, designers, product managers, and quality assurance testers to deliver high-quality software solutions that meet business requirements.
* Engineered single-page applications (SPA) with Angular JS, Mobile, Typescript, Knockout JS, React JS, Required JS, JavaScript, Bootstrap, JSON, and CSS3.
* Designed and implemented views, layout pages, and partial views using C# MVC, jQuery, Typescript 2.0, AJAX, HTML5, CSS3, and Bootstrap.
* Employed .NET Validation Controls and JavaScript for comprehensive client-side validation functionalities.
* Generated reports using SQL Server Reporting Services, while incorporating Bootstrap and Angular JS for modern web design.
* Leveraged AWS Cloud Formation to manage infrastructure as code, ensuring consistency and repeatability across environments.
* Continuously learn and stay updated with emerging technologies, industry trends, and best practices in software development, particularly within the .NET ecosystem.
* Design and implement responsive user interfaces using HTML, CSS, JavaScript, and front-end frameworks such as Angular, React, or Vue.js.
* Developed Angular applications integrated with backend APIs to fetch and display real-time data insights, providing users with dynamic and responsive experiences.
* Developed multi-threaded Windows applications using VB.Net, along with creating data loading packages in Oracle.
* Designed Docker-based environments to ensure consistency and portability across development, testing, and production stages.
* Transformed websites into web applications for seamless integration with Azure, subsequently deploying applications onto the Azure Cloud.
* Leveraged JavaScript, jQuery, and AJAX for form validation and interactive features, enhancing user experience.
* Designed and implemented stored procedures, triggers, and cursors in Oracle for database authorization and managing card details.
* Deployed applications on IIS Server, extensively utilizing Web Services, Web API, XML, and Query String for efficient data sharing.
* Implemented authentication and authorization mechanisms for SOAP and RESTful Services using WEB API, returning JSON data.
* Engineered incrementally adoptable platforms utilizing VUE.JS, Python, and Microsoft .NET technologies to ensure scalability and flexibility.

**Environment :** .Net Framework4.5, Visual Studio, Telerik, Kendo UI, Typescript 3.0, T-SQL, AJAX Framework, ASP.NET core, Entity framework, MVC6, VB.NET, C# 5.0, Microservices, JavaScript, Mongo DB, SDK, Knockout.JS, MySQL, HTML5, CSS3, Bootstrap, IIS, LINQ, SQL Server 2012, AngularJS (v14.0), SSRS, SSIS, TFS.

**Client : Larsen & Toubro (L&T) [Remote] July 2019 to Nov 2021**

**Role : .Net Full Stack Developer**

**Responsibilities:**

* Spearheaded the development of ASP.NET user controls tailored for seamless consumer and provider search functionalities, enhancing user experience and efficiency.
* Orchestrated the design and implementation of diverse ASP.NET web forms, fortified with .NET assemblies to augment application functionality, ensuring robustness and scalability.
* Streamlined event and evaluation form submissions and modifications by leveraging ASP.NET User Controls, optimizing workflow and user interaction.
* Elevated application structure and reusability by implementing ASP.NET MVC Grid Controls, fostering modular development and easier maintenance.
* Architected robust business and data access components in C#.NET, adhering to N-tier architecture principles, thus ensuring scalability and maintainability.
* Engineered C# classes to establish a resilient N-tier architecture, guaranteeing smooth database connectivity and separation of concerns.
* Optimized communication between application components by developing web services using WCF in C#.NET, enhancing interoperability and flexibility.
* Contributed to the development of Azure Web roles by implementing Azure Storage and Azure SQL Azure Services, fostering scalability and reliability.
* Employed C#.NET serialization techniques for efficient XML object serialization and deserialization, optimizing data exchange processes.
* Integrated WCF services to facilitate seamless communication between diverse applications and components, enhancing system integration and interoperability.
* Enhanced graphical representation of filtered bugs using WPF, improving data visualization and user understanding.
* Experienced in implementing the Model-View-View-Model (MVVM) architectural pattern to ensure separation of concerns, maintainability, and testability in Xamarin applications.
* Played a pivotal role in aligning application enhancements and maintenance with evolving business needs, ensuring ongoing relevance and competitiveness.
* Implemented robust authorization and authentication mechanisms, adhering to industry standards and protocols, fortifying data security.
* Monitored and trouble shooted web server issues and application errors by leveraging IIS logs and event viewer, ensuring uninterrupted service delivery.
* Designed and developed Restful Web Services using ASP.NET Web API, optimizing internal operations and enhancing client interactions.
* Implemented Docker Compose for orchestrating multi-container applications, simplifying deployment and scaling processes.
* Integrated Angular 6 and MVC Frameworks to bolster the development of robust and responsive web applications, delivering enhanced user experiences.
* Actively participated in the development of SSRS projects using SQL Server Data Tools with VB.NET, facilitating comprehensive reporting capabilities.
* Engineered SSIS packages for ETL processes using C#.NET in SSDT, ensuring efficient data integration and transformation.
* Designed and developed RESTful Web APIs, adhering to Service-Oriented Architecture (SOA) principles, supporting distributed computing and scalability.
* Leveraged TFS for streamlined version control and project management, ensuring efficient collaboration and code management.
* Proficient in customizing Xamarin.Forms controls, layouts, and behaviors to meet specific design requirements and platform guidelines.
* Designed and developed web screens for a case management system using ASP.Net MVC 4.0 Framework, improving user accessibility and workflow efficiency.
* Implemented Dependency Injection (DI) for MVC Architecture using Inject, enhancing modularity and testability of the application.
* Utilized Angular Material or other UI component libraries for designing consistent and visually appealing frontend interfaces.
* Implemented Azure Functions and Azure Logic Apps for serverless computing and automating data processing workflows.
* Designed, developed, and deployed scalable .NET applications on AWS cloud infrastructure, utilizing services such as EC2, S3, Lambda, and RDS.
* Utilized VUE.JS for HTML-based template syntax, crafting responsive UI screens with HTML 5, CSS 3, and Bootstrap, ensuring cross-platform compatibility.
* Developed web screens using Responsive Web Design methodology, MVVM design pattern, jQuery, AngularJS, and LESS CSS pre-processor, ensuring adaptability across devices and browsers.
* Leveraged JavaScript, jQuery, and AJAX for client-side data verification, data transfer, and load, optimizing front-end performance and user experience.
* Designed and optimized standard T-SQL Stored Procedures, User Defined Functions (UDF), and Views for efficient data retrieval and business logic execution.
* Utilized ADO.NET objects for seamless data retrieval and manipulation, ensuring data consistency and integrity.
* Implemented Role-Based Authorization against Active Directory, ensuring secure access control, and utilized Web Services (SOAP) and WCF Services for efficient data communication.
* Engaged in the full Software Development Life Cycle (SDLC) based on N-Tier architecture, ensuring systematic development and deployment processes.
* Deployed applications successfully using AngularJS, Bootstrap, and Windows Services, conducting rigorous unit testing and comprehensive documentation to ensure quality and maintainability.

**Environment :** .Net Framework4.5, VisualStudio2012/2015, MVVM, C#, ADO.Net, Kendo, Telerik, WPF, Entity Framework, SQL, HTML5, CSS3, JavaScript, jQuery, Bootstrap, LINQ, SQL Server 2012, AngularJS, TFS.