**Sr .Net Full Stack Developer**

**Venkata Vidya Sagar Gopu**

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**PROFESSIONAL SUMMARY:**

* Over 9+ years of experience in development using Microsoft.NET technologies like ASP.Net, C#, VB.Net, ADO.Net, Web Services, MVC, AJAX, Windows Services, WCF Services, OOPS, XML, XSLT, SOAP, LINQ Text Editor, MS IIS … DHTML, VBScript, VSS, JavaScript, SQL Server.
* Demonstrated thorough understanding of data structures, data modeling, and algorithms, along with extensive experience in full application development, ensuring optimized performance and efficient problem-solving in software projects.
* Experience in IT including Analysis, Designing, Development, Testing, Bug fixing and Implementation in the Software Development Life Cycle (SDLC) of Client/Server and Web Technologies for various N-Tier applications.
* Experience in designing web pages using HTML, JavaScript, HTML, CSS and jQuery, Angular JS, AJAX, Bootstrap and JSON, React JS, UML, and experience in creating Validation Controls for front-end validation.
* Proficient in developing REST Services and integrating them with Client Server Architecture. Implemented several REST Services with Node JS as Backend and Angular as Frontend.
* Experience with Data Accessing which includes using Data Adapter, Data Reader, and Dataset in ADO.NET and Language Integrated Query (LINQ) Providers for data manipulation.
* Experience in working with ASP .NET MVC and Entity Framework as ORM Mapping tool for Data Access layer.
* Experience in Designing, Development and Deployment of High - Performance, Scalable, Distributed, ASP.NET Applications. Experience in Test Driven Development (TDD) and Automation.
* Experience with Web Service, WCF (Windows Communication Foundation) and ASP.NET Web API.
* Good knowledge of AWS (Amazon Web Services), working with EC2, RDS, Dynamo DB, S3, Cloud watch and Docker.
* Experience on Microsoft Azure services, Azure Active Directory, and SQL Azure, creating resource groups, subscriptions, build definitions and release definitions.
* Having good experience in Caching, Authentication, and Windows Services, User Controls and Web Custom Controls.
* Experience in development and usage of Web Services using WSDL, SOA, UDDI, and SOAP.
* Experience in Database Analysis/Design/Normalization/Manipulation processes using SQL Server.
* Proficient in designing and implementing robust record locking mechanisms to ensure data integrity and optimize system performance.
* Experience in handling databases like MySQL, DB2 and NoSQL databases like MongoDB, Cosmos DB.
* Developed several SOAP and REST API based internal tools to enhance quality and performance of existing code base and deployed in Cloud Foundry, AWS S3.
* Design and implement end-to-end automation of infrastructure and continuous delivery of the applications by integrating Cloud Formation scripts, Jenkins, Ansible and AWS.
* Strong knowledge of designing and developing reports using MS-Access, SQL Server Reporting Services.
* Proficient developing applications using MVC, Blazor server - side and WEB API with Entity Framework.
* Knowledge of using Continuous Integration / Continuous Deployment (CI/CD) tools as Jenkins.
* Experience in Creating Unit Testing applications and Unit Testing with N-Unit.
* Expertise in database applications involving complex Database Queries, stored procedures, triggers, (Data Transformation Services DTS packages, design, implementation with MS SQL Server, Oracle 8i/9i/10g and Microsoft Access.
* Extensive experience in designing and developing client-server and web applications using Object-Oriented Analysis and Design (OOAD) methodologies.Worked on the Release and Problem management from requirements gathering through testing.
* Thorough knowledge of Waterfall and Agile Methodologies in Application Development with hands on experience working in Agile Development Team following SCRUM Methodology and paired programming using Test Driven Development (TDD).

**TECHNICAL SKILLS:**

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| **.NET Technologies** | .Net Framework 4.5/3.5/3.0/2.0, ASP.NET CORE, ADO.NET, ASP.NET 4.5, C#.NET, AJAX Extensions, AJAX Control Toolkit, XML Web Services, ADO.NET, LINQ, WPF, MVVM, WCF, WWF, Silverlight, MVC, Blazor, ActiveReports v15. |
| **Web Technologies** | AJAX, JavaScript, VBScript, HTML 5, XHTML, DHTML, Flash, XML, XSLT, XAML, CSS 3, ASP, Knockout JS, Angular JS, React JS, Bootstrap. |
| **Databases** | SQL Server, Oracle, MS Access, SQL, MySQL, T-SQL, PL/SQL, DB2. |
| **Reporting Tools** | Crystal Reports, SSRS, SSIS |
| **Cloud Technologies** | AWS, Azure, GCP |
| **Version Control Tools** | Team Foundation Server (TFS), GIT, SVN, Visual Source Safe (VSS). |
| **Development tools** | Microsoft Visual Studio, Visual Studio Code, Visual Cron Client 9.2.0 |
| **Methodologies** | Client/Server Architecture, N-tier application architecture, OOA, Prototyping, Process Models, Systems Integration, SOA. |
| **Development Methodologies** | MVC architecture, Agile, Scrum. |
| **Servers** | IIS 7.0/6.0, Windows Server. |

**PROFESSIONAL EXPERIENCE:**

**Wells Fargo, Minneapolis, MN May 2022 – Till Date**

**.Net Full Stack Developer**

**Responsibilities:**

* Actively participated in all stages of project development, applying agile methodology from project planning to production and maintenance, ensuring efficient and collaborative workflows for successful outcomes.
* Contributed by implementing reusable components and guards, facilitating seamless transitions while optimizing codebase integrity and scalability as part of web application migration projects.
* Utilized C# as the primary programming language to implement business logic and user interface interactions, ensuring seamless integration between frontend and backend components for comprehensive application functionality.
* Leveraged my expertise in C#.NET and ASP.NET MVC to design and develop applications that seamlessly integrate with Azure App Service, ensuring high-performance deployment and scalability in the cloud environment.
* Played a key role in web application migrations to Angular 7, application design, employing advanced features like one-way/two-way databinding, filters, and custom directives, enhancing application functionality and user experience.
* Used Angular-CLI to efficiently manage project setup and scaffolding in Angular 7 development, streamlining development workflows, and ensuring consistency across the development team.
* Developed RESTful Web API services using ASP.NET Web API to facilitate seamless data exchange for applications. Ensured that the API services have effective integration between backend and frontend components.Expertise in front-end design tools like AngularJS, Angular, Material, Ui-Grid, Bootstrap, and CSS.
* Designed and implemented database schemas in DB2, including tables, views, and indexes to align data structures with business requirements, ensuring optimal data organization and accessibility.
* Decomposed monolithic applications into smaller, independently deployable microservices to enhance scalability, maintainability, and development agility.
* Leveraged Docker containers to encapsulate microservices, ensuring consistent deployment environments across development, testing, and production stages.
* Leveraged Azure Storage development and design utilizing Blobs, Pages, Queues, Tables, and VMs to optimize data storage and retrieval processes, ensuring scalability and efficiency for cloud-based applications.
* Migrated SQL Server 2017 database to Windows Azure SQL Database and updated the Connection Strings to facilitate seamless transition and optimization of database resources, ensuring compatibility and performance in the cloud environment.
* Maintained existing cloud environment using Microsoft Azure to ensure ongoing reliability and performance optimization, enabling uninterrupted availability and performance for critical applications.
* Performed validations on Web Forms using .NET Validation Controls and Client-Side Validation using Angular4 to ensure data integrity and accuracy, optimizing user interactions and data handling processes.
* Used ADO.NET Entity Data Model in retrieving data using LINQ to SQL and LINQ to Objects with ASP.NET to optimize data access and retrieval processes, ensuring efficient data handling and management.
* Utilized Kubernetes for orchestrating microservices deployment and management, enabling automatic scaling, load balancing, and fault tolerance for enhanced reliability.
* Employed event-driven architecture with message brokers such as RabbitMQ and Kafka to facilitate asynchronous communication between microservices, enhancing responsiveness and scalability.
* Implemented multithreading and asynchronous programming techniques to enhance application responsiveness and performance, enabling efficient utilization of system resources and seamless user experiences.
* Implemented a Single Page Application client-side UI using Blazor to leverage cutting-edge technologies to create responsive and interactive user interfaces, enhancing user engagement and satisfaction.
* Leveraged cloud technologies to deliver scalable and resilient solutions, optimizing performance and availability for diverse user bases by working on Azure for universally available customers facing B2B and B2C applications.
* Spearheaded the adoption and implementation of GIT version control across enterprise projects, leveraging .NET full-stack expertise to ensure streamlined collaboration, code management, and version control practices.
* Orchestrated GIT repository structures and branching models optimized for scalability, maintainability, and codebase organization, facilitating seamless collaboration and code integration across distributed development teams

**Environment**: *ASP.NET, C#, MVC, WCF, WPF, Web API, .Net Framework 4.5, NUnit, HTML5, CSS3, AJAX, CSS, Angular 7/4, DB2, SQL Server, MS Access Database, Kendo UI, Azure, ADO.NET, Entity Framework, GIT, Visual studio 2017/2015, Blazor, JavaScript, jQuery, Azure, MVVM, SSIS, SSRS, MS SQL Server, TFS, UNIX, Agile, Waterfall.*

**State of NewYork - New York City, NY Oct 2020 – Apr 2022**

**.Net Full Stack Developer**

**Responsibilities**:

* Played integral role in SDLC, spanning from requirements gathering to documentation across diverse projects, ensuring comprehensive development lifecycle management.
* Utilized AGILE SCRUM methodology for iterative delivery, conducting efficient sprints and facilitating productive Status and Code Review Meetings.
* Implemented robust security measures, routing strategies, bundle configurations, and Action Filter setups in MVC controllers to fortify application development.
* Proficiently installed, configured, and administered Jenkins Continuous Integration tool on Windows machines, incorporating essential plugins like SVN, GIT, Maven, and ANT for seamless automation.
* Leveraged Microservice architecture, integrating REST-based services and harnessing AWS capabilities for streamlined development, testing, and deployment of Identity Microservices.
* Utilized .NET Core and ASP.NET Core for developing microservices, taking advantage of their performance, scalability, and cross-platform compatibility.
* Entrusted with the maintenance and expansion of AWS S3 infrastructure, effectively utilizing services like SNS and SQS to enhance scalability and performance.
* Spearheaded the implementation and upkeep of monitoring and alerting systems for production and corporate servers/storage using AWS CloudWatch, ensuring proactive issue resolution.
* Engineered a Restful Web API service using ASP.NET Web API to generate data for EMS, seamlessly integrating with ReactJS frontend components for a cohesive user experience.
* Collaborated closely with front-end developers to translate design concepts into visually appealing interfaces, utilizing HTML, CSS, JavaScript, and React frameworks.
* Developed various application components including screens, modules, events, and classes across C#, VB.Net, ASP.NET MVC, Entity Framework Core, .Net Core, and React-based applications to align with client requirements and business rules.
* Designed frontend components within object-oriented JavaScript frameworks like React.JS ensuring modular and scalable UI development.
* Orchestrated the setup and configuration of various instruments on AWS direct connect to establish DEV/IT, UAT, and Production environments for short-term internal projects, ensuring seamless project execution.
* Leveraged Entity Framework and LINQ to facilitate seamless database access, empowering users to perform CRUD operations via the application's UI.
* Designed and developed SOA Web Services using WCF Services with .NET and C#.NET, hosted on IIS, and rigorously tested using MS Unit Framework, ensuring reliability and performance.
* Worked extensively with ASP.NET Web Forms, Web Services, State Management, and caching features, implementing optimizations and security measures for robust web applications.
* Implemented GIT version control for efficient source code management, seamlessly integrating with Jenkins for automated builds and JIRA for streamlined issue tracking and management.
* Generated comprehensive drill-down and drill-through reports using SQL Server Reporting Services (SSRS), providing valuable insights for decision-making and analysis.
* Involved in the design, development, debugging, and testing of reports within SQL Server Reporting Services (SSRS), ensuring accuracy and reliability of reporting functionalities.
* Actively participated in cross-functional collaboration, effectively communicating with team members and stakeholders to drive project success and achieve organizational goals.

**Environment**: *React JS, Web API, .Net Framework 4.5, IIS 7.5, ASP.NET C#, Entity Framework, Bootstrap, Visual Studio 2015, AWS, Mongo DB, SSIS, SQL Server 2012, 2019, HTML, CSS, VB.NET, WCF, ADO.NET, MVC, JQUERY, Knockout.js, NUnit, SQL Server Management Studio.*

**Molina Healthcare - Bothell, WA Mar 2018 – Sep 2020**

**.Net Full Stack Developer**

**Responsibilities:**

* Developed a multi-threaded enterprise n-tier software agent using Windows Communication Foundation (WCF) service, adept at handling distributed computing tasks efficiently. Leveraged the robustness of Windows services for hosting, ensuring seamless operation.
* Implemented Agile (SCRUM) methodologies in product development, fostering collaboration and adaptability. Daily meetings facilitated progress tracking and task allocation, ensuring timely delivery and alignment with project goals.
* Created dynamic ASPX pages for applications using ASP.NET MVC, C#.NET, and HTML, enabling flexible and interactive user interfaces. Utilized MVC architecture to ensure clear separation of concerns and maintainability.
* Employed ASP.NET MVC 3.0, Partial Views, and Master Pages to enhance code reusability and maintainability. Crafted Cascading Style Sheets (CSS) to ensure a consistent and visually appealing user experience across the website.
* managed enterprise applications on AWS, leveraging services such as EC2, S3, RDS, and Lambda to ensure scalability, flexibility, and cost-efficiency. Ensured optimal performance through resource provisioning and scaling.
* Implemented AWS Identity and Access Management (IAM) policies to control user access and permissions, ensuring robust security and compliance across AWS resources.
* Leveraged Amazon S3 for scalable storage solutions, enabling efficient management of application data, backups, and static assets. Implemented lifecycle policies for cost-effective storage management.
* Configured Amazon RDS for database management, implementing automated backups, monitoring, and maintenance to ensure data integrity and availability.
* Automated deployment processes using AWS CodePipeline, CodeDeploy, and CloudFormation, ensuring efficient and consistent delivery of application updates and infrastructure changes.
* Set up CI/CD pipelines for seamless integration and delivery of code changes, using AWS CodeBuild, CodePipeline, and GitHub, ensuring fast and reliable software releases.
* Designed and generated PDF forms with barcodes using Active Reports 15 in C#, enhancing document management and processing capabilities. Ensured data accuracy and efficiency in form handling.
* Provided technical design and hands-on coding leadership for projects, leveraging ASP.NET and .NET Framework REST services. Ensured adherence to best practices and standards for robust and scalable solutions.
* Developed UI components and implemented event handling using C#, HTML, CSS, JavaScript, jQuery, and AJAX, ensuring a rich and interactive user experience. Emphasized consistency in design through CSS enhancements.
* Utilized various SOAP and RESTful web service bindings for assessing transformation and routing, ensuring interoperability and efficient communication between systems.
* Created RESTful Web API services using ASP.NET Web API to generate data for the EMS, facilitating seamless integration with AngularJS frontend. Ensured smooth data flow and interaction between backend and frontend systems.
* Established communication between AngularJS and Web API projects, facilitating seamless data exchange and interaction. Ensured consistency and reliability in frontend-backend integration.
* Developed web applications using ASP.NET MVC 5 and AngularJS, leveraging MVC architecture for clear separation of concerns and scalability. Ensured optimal performance and maintainability of applications.
* Implemented forms with asynchronous operations using AJAX Helper Class, optimizing UI responsiveness, and enhancing user experience. Employed client-side validations and error handling for seamless interaction.
* Deployed applications on IIS 7/6 and managed .NET assemblies during deployment, ensuring smooth and reliable application hosting.
* Implemented middle layer for data access components in ADO.NET and C# classes, ensuring separation of concerns and scalability in data access.
* Designed UI for enrollment processes, streamlining user registration and personal data management.
* Demonstrated proficiency in Angular.js, conducting end-to-end unit testing and building dynamic web applications. Ensured robustness and reliability in front-end development.
* Developed UI using ASP.NET, HTML, CSS, jQuery, JSON, and AJAX, ensuring intuitive and responsive user interfaces.

**Environment*:****Visual Studio 2019, .Net framework 4.5, C#.Net, MVC 5, ADO.net, TFS, Entity Framework 4.0, SQL Server 2012, AWS, Active Reports 15, Visual Cron Client 9.2.0, AJAX, JavaScript, Angular.js, Node.js, Knockout.js, WCAG, XML, HTML5, CSS3, Bootstrap.js, Blazor, Crystal Reports, IIS 7.0, Visio, OOPS, XAML, WPF, JSON, LINQ, JIRA.*

**Ranbaxy Laboratories - India June 2014 – Nov 2017**

**.Net Developer**

**Responsibilities**:

* Developed User and Provider Application, engaging in SDLC phases: requirements gathering, design, testing, documentation, and deployment. Actively participated in daily SCRUM calls and AGILE Development design.
* Analyzed and implemented business requirements for government clients, ensuring alignment with project objectives and stakeholder expectations.
* Utilized ADO.Net for seamless database connectivity and SQL Server for populating backend data, ensuring data integrity and reliability.
* Employed Entity Framework to construct Models, Controllers, and Views, ensuring efficient data access and manipulation.
* Leveraged Temp Data, View Data, and View Bag for efficient data passing between controllers and views, ensuring proper state management.
* Transformed complex SQL stored procedures into Microservices in .Net Framework Core to enhance system performance and scalability.
* Created database objects, SQL queries, stored procedures, and functions to ensure efficient data management and manipulation.
* Developed RESTful APIs using ASP.NET Core and C#, and extensively tested API endpoints using Postman for reliability and functionality.
* Created multiple Front-End Components in Angular, utilizing HTML5, CSS3, JSON, Bootstrap, Typescript, and RESTful API for dynamic user experiences.
* Implemented Route Guards in Angular to enhance security measures, preventing unauthorized access to resources via canActivate and canDeactivate functionalities.
* Implemented dynamic loading using Angular Routing, Services, Lazy Loading, Custom Directives, and Pipes for optimized performance and scalability.
* Leveraged Angular CLI for efficient creation, development, serving, and testing of applications, streamlining development workflows.

**Environment***: SDLC, HTML5, CSS3, JSON, Bootstrap, Typescript, Angular 10, RESTful API, Angular , Angular CLI, MVC, NodeJS, SQL, ASP.Net, VB.NET, SQL Server, ADO.Net, Entity Framework, ASP.Net Core, C#, Postman, Jira, Razor View Engine, Git.*