**Sai Srinivas**

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**Professional Summary:**

With a robust 8-year career in the software industry, I specialize in the full lifecycle of web and Windows form application development, leveraging comprehensive expertise in Microsoft .NET technologies. My hands-on experience spans all phases of the Agile and Waterfall methodologies, ensuring a thorough grasp of both iterative and evolutionary development principles. I am adept at navigating the complexities of software development, from requirements analysis to deployment, with a track record of successful implementations in diverse environments.

**Core Competencies:**

**Software Development Expertise:** Demonstrated proficiency in designing and implementing web and Windows applications utilizing ASP.NET, VB.NET, C#, ADO.NET, XML, WCF, and MVC within the .NET framework. Skilled in enhancing user experience through rich UI web pages and proficient in developing scalable, robust applications.

**Front-End Development:** Advanced skills in HTML, CSS, and client-side scripting with JavaScript and Angular 13, complemented by experience in AngularJS, including controllers, directives, components, and services. Proficient in creating responsive and interactive web interfaces.

**Cloud & Database Management:** Extensive experience in deploying applications on cloud platforms such as Azure and AWS using Visual Studio and Visual Studio Code. In-depth knowledge of database development and management with Azure SQL, MS-SQL SERVER (2016/2012), T-SQL, and Oracle PL/SQL.

**Web Services & Reporting:** Strong background in developing and consuming WCF and RESTful web services. Experienced in report development using Crystal Reports, ensuring data-driven decision-making.

**Testing & Version Control:** Familiarity with unit and integration testing frameworks such as GIT, TFS Unit Testing, SVN, and NUnit, ensuring high-quality software delivery.

**Design & Documentation:** Proficient in designing applications with UML diagrams and leveraging Duck Creek Technologies for P&C applications, demonstrating a solid foundation in software architecture principles.

**Professional Attributes:** Team Collaboration: Recognized for exceptional teamwork abilities, effectively collaborating with cross-functional teams to meet project milestones.

**Communication & Interpersonal Skills:** Strong communicator with the ability to articulate complex technical concepts to non-technical stakeholders, enhancing team synergy and client satisfaction.

**Adaptability & Innovation**: Highly adaptable and continuously seeking innovative solutions to challenging problems, with a keen interest in emerging technologies and industry trends.

**Commitment to Excellence:** Dedicated to excellence in every task, from routine assignments to complex project deliverables, consistently exceeding expectations.

**Education:**

* Bachelors - Computer Science and Engineering (Anurag Group of Institutions) – 2015
* Masters - Master of Science in Computer & Information Science (Southern Arkansas University) – 2020

**Technical Skill**

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| **Programming Languages** | C#, VB.NET, JavaScript, AngularJS, SQL |
| **.NET Technologies** | .NET Framework, C#, ASP.NET, ASP.NET MVC, ADO.NET, LINQ, WPF, WCF, Win Forms, Web Forms, ADO.NET, Entity Framework, Delphi |
| **Web Technologies** | HTML, HTML5, XHTML, DHTML, CSS, AJAX, XML, XSD, JavaScript, jQuery, XAML, Web Forms, Razor, Web Services, IIS |
| **Databases** | SQL Server, Oracle 11g, MS Access |
| **Clouds** | AWS, Azure |
| **Reporting Tools** | Crystal Reports, SSRS, SSIS, UML |
| **Other Tools** | Visual Studio, Visual Studio Code, MS SQL Server |
| **Version Control Tools** | VSS, Git, TFS, SVN |
| **Design Patterns** | MVC, MVVM |
| **Operating System** | Microsoft Windows XP Pro, 2000, 2003, NT, XP, Vista, 7 |

**Professional Experience**

**Client: C-HIT Nov 2022- Present**

**Role: Senior Engineer**

**Overview:**

As a Senior Engineer at LPL Financial, I lead the development and maintenance of high-stakes regulatory reporting and internal web applications. My role demands precision, innovation, and collaboration, ensuring compliance with regulatory bodies such as FINRA and SEC while enhancing our technology infrastructure to support business objectives.

**Key Responsibilities:**

**Regulatory Reporting:** Led the timely generation of regulatory reports for FINRA and SEC using customized SSRS and OBIEE reports, ensuring compliance with industry standards and regulations.

**Application Development**: Develop and maintain Azure-based internal applications using Angular 13 and .NET Core, integrated with firm-wide SQL databases, to support business operations and decision-making.

**Directive Development and Integration:** Crafted custom directives in Angular and integrated RESTful services, enhancing the functionality and user experience of our web applications.

**Continuous Integration/Development**: Utilize TeamCity and Octopus to implement continuous integration and development practices for services and web applications, streamlining deployment processes and enhancing operational efficiency.

**Collaborative Solutioning:** Work closely with business partners, architects, QA, release management, and the Change Control Board to design and implement robust solutions tailored to business needs.

**Database Management:** Design and manage Oracle database stored procedures, ensuring data integrity and performance optimization.

**Troubleshooting and Optimization:** Diagnose and rectify issues in .NET applications, fostering an optimal development environment and ensuring application reliability.

**Azure Functions:** Implement Azure functions for critical business functionalities, including automated email communications regarding financial reports to clients, contributing to enhanced customer engagement.

**Platform and Application Support**: Develop scalable core platform components, offering comprehensive support for client applications and services, thereby boosting system reliability and performance.

**Proof of Concept (POC) Development:** Initiate and execute POC applications through the software development lifecycle, encompassing design, modeling, coding, testing, and documentation, to explore innovative solutions.

**Process Improvement:** Lead efforts to refine programming procedures, aiming to streamline the software development process and enhance efficiency across the board.

**Stakeholder Engagement:** Engage product owners and business analysts in the backlog refinement process, facilitating effective communication and trade-offs to meet project deliverables.

**Technical Tools**:

Visual Studio 2022, VS Code, .NET Core 3.0, Angular 13, Azure, Bootstrap, Azure SQL.

**Client: Catholic Financial Life, WI April 2021 – Oct 2022**

**Role: Senior Engineer**

**Overview:**

As a. NET/SQL Developer, I've specialized in enhancing web-based applications and databases, leveraging technologies like Angular, .NET Core, and SQL Server. My efforts have focused on creating scalable, efficient software solutions that improve operations, data visualization, and user experience. My commitment to quality and innovation has significantly enhanced application functionality and user satisfaction.

**Key Responsibilities:**

**Application Development:** Developed web-based internal applications using Angular 6 and .NET Core, integrated with firm-wide SQL databases, enhancing operational efficiency and data accessibility.

**API Development:** Crafted multiple Web APIs to ensure seamless server interactions, facilitating robust backend functionality and improving application responsiveness.

**Database Migration and Management:** Successfully migrated databases from MySQL to SQL Server 2017, including the creation of procedures and tables, thereby optimizing data storage and retrieval processes.

**Debugging and Quality Assurance:** Dedicated efforts towards debugging, unit testing, and resolving code issues, guaranteeing high-quality software delivery, and maintaining code integrity.

**Version Control and Project Management:** Utilized TFS (Team Foundation Server) for version integrating, maintenance, reporting, and project tracking, enhancing team collaboration and project oversight.

**Reporting and Data Visualization:** Developed reports to display critical data on UI screens, improving data visualization and decision-making capabilities.

**UI Development:** Implemented UI grid in Angular for displaying data, incorporating filters and sorting features to enhance user experience and data interaction.

**Error Handling:** Engineered components for exception and error handling, ensuring the application's stability and reliability.

**Software Architecture:** Developed interfaces, applied dependency injection concepts, and utilized extensive constructors to build a scalable and maintainable codebase.

**UI Design:** Leveraged Bootstrap for UI designs and implemented UI popup modals for data presentation, elevating the application's aesthetic and user engagement.

**Core Platform Components:** Developed and implemented highly scalable core platform components, providing robust support to client applications and services.

**POC Development:** Created Proof of Concept (POC) applications throughout the software development lifecycle, including design, modeling, coding, testing, and documentation, showcasing innovative solutions and potential enhancements.

**Technical Tools:**

 Visual Studio 2019, VS Code, .NET Core 3.0, Angular 8, React JS, Azure, Bootstrap, SQL Server.

**Client: Southern Glazers wine & Spirits, FL Feb 2019 - March 2021**

**Role: .NET Developer**

**Overview:**

In my tenure as a .NET Developer at Wells Fargo, I played a crucial role in enhancing and developing RESTful APIs, complex reporting solutions, and robust in-house applications. My contributions were pivotal in streamlining data consumption from diverse databases and optimizing application performance, all within the dynamic framework of Agile Scrum methodologies.

**Key Achievements:**

**API Development and Management:** Led the creation and modification of RESTful APIs to facilitate seamless data consumption from multiple databases, significantly improving data accessibility and interoperability.

**Reporting Solutions:** Mastered SSRS report generation, delivering complex reports sourced from various SQL databases. This initiative provided critical insights, supporting data-driven decision-making across the organization.

**Agile Collaboration**: Actively collaborated with multiple cross-functional teams within an Agile Scrum framework, ensuring the timely delivery of projects and fostering a culture of teamwork and efficiency.

**Application Development:** Developed comprehensive in-house applications using C#.NET and Telerik controls, integrating SSRS reports for enhanced data visualization and user engagement.

**Data Access Layer Implementation:** Implemented the Data Access Layer (DAL) using the Entity Framework 4 Data-First approach, enhancing application scalability and database management.

**UI/UX Design:** Leveraged Bootstrap 4, Kendo UI R3, jQuery, and custom libraries to deliver productive and aesthetically pleasing application designs, enhancing user experience and engagement.

**ADA Compliance**: Gained extensive knowledge of ADA compliance and human resource laws, ensuring that applications met legal standards and were accessible to all users.

**Architecture Maintenance:** Ensured the contemporary relevance of application architectures with updates to Kendo UI R3, bootstrap 4, and .NET Core 2.0, maintaining system integrity and performance.

**Code Reusability:** Championed the implementation of reusable code practices, utilizing C# to share common page logic across the application, thus reducing development time and improving code maintainability.

**Technical Tools:**

Visual Studio 2015/2017, VS Code, TFS, Azure, Bootstrap, Kendo UI, .NET Core, Angular, SQL Server 2012, ALM Quality Center, JIRA.

**Client: Cisco Systems, Hyderabad, India Aug 2017 - Sep 2018**

**Role: .NET Developer**

**Overview:**

As a .NET Developer at Anthem, I was instrumental in developing and enhancing web services, web pages, and authentication protocols to improve data access, user interface, and security for both internal and external users. My expertise in front-end and back-end development contributed to creating a seamless, secure, and intuitive user experience across the organization's digital platforms.

**Key Contributions:**

**Web Services Development:** Engineered robust Web APIs for efficient data consumption from databases, facilitating seamless data integration and availability.

**Front-End Development:** Designed and implemented dynamic web pages using HTML, CSS, Angular, and Kendo UI, showcasing data in user-friendly grids and enhancing overall user interaction.

**Authentication and Security:** Implemented LDAP authentication to validate users against Active Directory groups, bolstering system security and user management.

**Messaging System:** Developed a functional messaging component to enable direct communication between supervisors and users, enhancing organizational communication.

**Search Functionality:** Crafted an advanced search functionality for managers, enabling them to locate members across the entire organization efficiently, thereby improving operational efficiency.

**Secure Connections:** Established secure portal connections for external users, ensuring safe and reliable access to organizational resources from outside the network.

**UI Enhancements:** Improved user interface elements, including error messages, date pickers, and dropdowns, making the application more intuitive and user-friendly.

**Database Management:** Expertise in developing complex SQL queries and creating optimized stored procedures using T-SQL, ensuring data integrity and performance.

**Quality Assurance:** Developed comprehensive unit test cases for the API layer and the entire application using Visual Studio test tools, guaranteeing robustness and reliability.

**Technical Tools:**

Microsoft Visual Studio 2017/2015, C#.NET, Web API, HTML, Kendo UI, Bootstrap, AngularJS 4, TypeScript, SQL Server 2016/2012, Oracle SQL, GIT, Mercury Quality Center.

**Client: Genrapid Tech, India May 2015 - Jul 2018**

**Role: Web Developer**

**Overview:**

In my role as a Web Developer at HCL Global Systems, I specialized in developing and enhancing web applications, focusing on delivering rich user interfaces and robust backend solutions. My contributions spanned from frontend design using advanced technologies to backend development and database management, playing a crucial role in streamlining and automating business processes.

**Key Achievements:**

**Application Development:** Led the development and enhancement of web applications using C# and VB.NET, ensuring applications met evolving business requirements.

**UI/UX Design:** Leveraged Bootstrap and JavaScript to deliver a rich user interface experience, enhancing user engagement and satisfaction.

**Data Management:** Implemented Entity Framework for efficient data retrieval from databases, optimizing data access and manipulation.

**Dynamic PDF Creation**: Utilized CeTe Dynamic PDF DLLs to generate dynamic PDFs tailored to specific business requirements, improving document management and distribution.

**Insurance Application Enhancement:** Engaged in the development of a Property and Casualty application, employing Duck Creek technologies to calculate premiums, accommodating policy-specific and state-specific regulations accurately.

**Deployment Management:** Designed and executed deployment packages for transitioning content seamlessly from Development to QA, Staging, and Production environments, ensuring smooth and reliable application releases.

**Test Case Management:** Revised and fixed SpecFlow test cases, enhancing the reliability and performance of applications through rigorous quality assurance practices.

**Windows Application Development:** Developed a Windows application for creating and storing dynamic SQL queries, facilitating efficient data query management and customization.

**Technical Tools:**

C#, VB.NET, Bootstrap, JavaScript, Entity Framework, CeTe Dynamic PDF, Duck Creek Technologies, SQL, Windows Applications.