**Sai Reddy**

.Net Developer (Full Stack)

**Summary:**

* High level of Proficiency with 5 years in Microsoft .Net technologies and all phases of Software Development Experience Life Cycle **(SDLC) Methodologies AGILE SCRUM/TDD & Waterfall** including Analysis, Design, Development, Implementation and Testing of n-tier architecture enterprise applications including Domain Driven Design (**DDD**) to solve problems.
* Implemented Design patterns including **Factory**, **Dependency Injection**, **Singleton** and **Repository** and extensively used Object Oriented Programming principles like Encapsulation, Abstraction, Inheritance and Polymorphism and also **Multi-threading**/**SOLID** concepts.
* Developed and supported client-side functionality with various rich UI features, user friendly design approaches, responsive web pages with performance functionalities in the web applications and **Single Page Applications (SPA)** using **JQuery3.0/2.0/1.0, JSON, Angular2.0/4.0, HTML4/5, AJAX, JSON/XSL/XSLT/XHTML, CSS3, Bootstrap 2.0/3.0.**
* Architected, designed and developed e-support troubleshooting application using **ASP.net**, **MVC5.0** technology.
* Strong Experience in Windows Azure cloud services and Windows Azure Service Bus message queuing system
* Extensive experience in implementing **Angular 2 - Template basics, Template directives, Routing and navigation, Components, Services, Data Binding etc.**
* Proficient in implementing **WCF SOAP/REST services** and consuming using different communication protocols and well versed with implementing custom WCF debugging and performance modules.
* Strong expert in **WIN** Forms and Communication services like **WCF, WPF**.
* Used **Web API 1.0/2.0** to create resource-oriented services over HTTP that can use the full features of **HTTP** (like URIs, request/response headers, caching, versioning, various content formats) and implemented **CRUD** operations.
* Developed **Data Access Layer** using **ORM** Technology **Entity Framework (6.0/5.0/4.0)** Database First and Code First approaches to communicate effectively with databases.
* Experience in design, develop various reports of **Tabular, Matrix and distributed reports in multiple formats and pulling data** from various sources using **Crystal Reports2010/9.8/5.8**and **Reporting Services (SSRS) 2008/2005**.
* Used Version Control Tools including **Team Foundation Server 2010/2012/2013/2015, Git 1.7/1.8/1.9/2.10**and **Sub Version 1.9/1.9.4** for active tracking of work progress, maintaining code repository.
* Performed Integration testing, system testing and performance testing and carried out Unit testing using tools **MS-Unit**, **N-Unit**.
* Expertise in writing T-SQL Queries using joins, Sub queries and Cursors in MS SQL Server 2000/2005. Excellent T-SQL development skills to write complex queries involving multiple tables, great ability to develop and maintain stored procedures, triggers, user defined functions. Develop, Debug and tuning of **Database Objects like stored procedures, functions, views, triggers, CTE, SQL queries** using **SQL Server2012.**

**Technical Skills:**

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| --- | --- |
| **Languages** | C#, C++, PL/SQL, VB 6.0, VB.NET |
| **Web Technologies** | ASP.NET 4.7, XML, XSLT, JavaScript |
| **Xml Technologies** | XML, XDOCUMENT, XSLT |
| **UI Technologies** | Angular2, JSON, jQuery, HTML5, CSS, AJAX, BOOTSTRAP, RAZOR. |
| **IDE Tools** | Visual Studio 2015/2010/2008, SQL Server Management Studio, SQL Server BI studio. |
| **.Net Frameworks** | .Net Core, .Net Framework 4.5/4.0/3.5/3.0/2.0 |
| **Databases** | MS SQL SERVER 2014/2008/2005/2000 |
| **Reporting Tools** | SQL Server Reporting Services (SSRS 2008/2005) |
| **Deployment Tools** | Jenkins |
| **ETL Tools** | SQL Server Integration Services (SSIS 2013/2008) |
| **Modeling Tools** | +UML,MS Visio 2010/2007 |
| **Version Control Tool** | Visual SourceSafe(2005), Team Foundation Server(2008) |
| **Middleware** | ADO.NET 4.0/3.5/3.0/2.0, Web Services, Enterprise Library 5.0/4.0/3.1 |
| **Servers** | Windows Server 2008/2003/NT, Microsoft IIS(7.0/6.0/5.0/4.0) |

**Work Experience:**

**Client: Spirit AeroSystems,** **Wichita**, **KS March 2019 – Till Date  
Role: .Net Developer**

**Description:** Spirit AeroSystems is a worlds largest first-tier aerostructures manufacturer. I worked in Supply chain management on Cost Recovery System a web application used to validate and create claims by Suppliers and buyers where both supplier and Buyer can have a track on claims.

**Responsibilities**:

* Design and Develop application using .NET 4.6 Framework, Webforms, C#, VB.Net, Web Api 2.0, WCF and ORACLE in an agile environment.
* Wrote RESTful Web Services on HTTP Handlers with POST, GET, PUT methods for JSON requests, utilizing the best practices of Object-Oriented Programming Concepts (OOPS) and SOLID design principles and consume WCF services
* Implemented **OOP concepts, class, Data Encapsulation, Inheritance, Interface, Abstract class, Polymorphism, Dependency Injection, Generics, and Inversion of Control, Multi-threading in C #.**
* Used **ReSharper** a add on toolsfor efficient code in C#.
* Used **View bag, View model and Partial view**in order to achieve the data transfer in the **MVC** architecture.
* Executed programming functions utilizing**HTML4, CSS3,** and **Razor** in the Microsoft **ASP.NET MVC4**environment.
* Built front end single page web-application (SPA) using **Angular 2/4.**
* Implemented **AJAX Library**, **CSS**, and various web controls to present interface to users in a much comfortable environment**.**
* Used **Bootstrap** framework for developing customizable and fully responsive for various screen sizes.
* Developed business end user facing front pages using **Angular 2/4**, **CSS** **3**, **HTML 5**, **XML 2.0**, **JavaScript** and **Bootstrap**.
* Created and consumed **WCF** services which are based on **SOA** architecture to expose the application functionality for different transport protocols.
* Used **LINQ to Entities** to write Lambda Expressions for **data sorting, filtering and projection** in various dimensions.
* Used **ASP.NET MVC** framework to support the use of **Dependency Injection** to inject objects into a class, instead of relying on the class to create the object itself.
* Created and maintained database objects like complex **Stored Procedures, Triggers, Cursors**, and **Tables, Views** and **SQL Joins.**
* Written & optimized **T-SQL** statements, Views, User Defined Functions with **MSSQL server database** and fine-tuned databases as a part of performance tuning.
* Handles programming, creating of stored procedures and reports (VB6, VB.Net, C#, T-SQL, SQL Server, POS system).
* Imported and migrated data from old legacy systems into **Microsoft SQL Server** using **C#, SSIS** packages.
* Used **NUnit** for unit and integration testing of the application after developing it.
* Used **TFS** as a Code Repository and followed source code handling practices like Check-In daily basis.
* Used **TFS 2015** for Version Control and Dimensions for deployment of code to SIT and UAT test servers.
* Used Jasmine as testing framework and Karma as test runner to perform unit testing and it is written entirely in Typescript and meets the ES6 specification
* Performed Manual Testing, Unit Testing, Regression Testing using Pivotal **ALM** bug tracker.

**Environment:** Visual Studio 2015/13, MSSQL server 2016, IIS 7.0, NET Framework 4.5, ASP.NET MVC, C# 5.0, Bootstrap, Web API 1.1, WCF 4.0, WSDL, SOA, ES6, SOAP, SSIS, SSRS, NUnit 2.6, VB6,T-SQL, Entity Framework 6.0, IIS 8.0, XML 2.0, JSON 3.0, HTML 5.0, CSS,AJAX, .net core, Angular2, JavaScript, LINQ, TFS 2015.

**Client: Exam One/Quest Diagnostics,** **Lenexa**, **KS July 2018 – Feb 2019  
Role: .Net Developer**

**Description:** Exam One Portal is information portal targeted for carrier companies, examiners, etc. to create and check the information about orders and cases they are associated with. Schedule now is a system used by officers and users to schedule appointments typically between applicants and examiners. Portal is a Health care that manages the orders placed by applicants for Services that was provided by quest labs and results submitted by examiner for the services ordered are sent to applicant.

**Responsibilities**:

* Developed business end user facing front pages using **Angular 2/4**, **CSS** **3**, **HTML 5**, **XML 2.0**, **JavaScript** and **Bootstrap**.
* Developed **MVC** and View Model pattern in creating and managing **VIEWS, Partial Views, View Models** using **ASP.NET MVC**
* Implemented **OOP concepts, class, Data Encapsulation, Inheritance, Interface, Abstract class, Polymorphism, Dependency Injection, Generics, Inversion of Control, Multi-threading in C#.**
* Used **ReSharper** a add on toolsfor efficient code in C#.
* Used **View bag, View model and Partial view**in order to achieve the data transfer in the **MVC** architecture.
* Executed programming functions utilizing**HTML4, CSS3,** and **Razor** in the Microsoft **ASP.NET MVC4**environment.
* Built front end single page web-application (SPA) using **Angular 2.**
* Implemented **AJAX Library**, **CSS**, and various web controls to present interface to users in a much comfortable environment**.**
* Used **Bootstrap** framework for developing customizable and fully responsive for various screen sizes.
* Created and consumed **WCF** services which are based on **SOA** architecture to expose the application functionality for different transport protocols.
* Used **LINQ to Entities** to write Lambda Expressions for **data sorting, filtering and projection** in various dimensions.
* Used **ASP.NET MVC** framework to support the use of **Dependency Injection** to inject objects into a class, instead of relying on the class to create the object itself.
* Created and maintained database objects like complex **Stored Procedures, Triggers, Cursors**, and **Tables, Views** and **SQL Joins.**
* Written & optimized **T-SQL** statements, Views, User Defined Functions with **MSSQL server database** and fine-tuned databases as a part of performance tuning.
* Handles programming, creating of stored procedures and reports (VB6, VB.Net, C#, T-SQL, SQL Server, POS system).
* Implementation of Custom reports by pulling data from various sources and presenting in SQL Server Reporting Services (**SSRS**).
* Imported and migrated data from old legacy systems into **Microsoft SQL Server** using **C#, SSIS** packages.
* Used **NUnit** for unit and integration testing of the application after developing it.
* Used **TFS** as a Code Repository and followed source code handling practices like Check-In daily basis.
* Used CI/CD pipelines for continuous integration and deployment.
* Used Jasmine as testing framework and Karma as test runner to perform unit testing and it is written entirely in Typescript and meets the ES6 specification
* Performed Manual Testing, Unit Testing, Regression Testing using Pivotal **ALM** bug tracker.

**Environment:** Visual Studio 2015/13, MSSQL server 2016, IIS 7.0, NET Framework 4.5, ASP.NET MVC, C# 5.0, Bootstrap, Web API 1.1, WCF 4.0, WSDL, SOA, ES6, SOAP, SSIS, SSRS, NUnit 2.6, VB6,T-SQL, Entity Framework 6.0, IIS 8.0, XML 2.0, JSON 3.0, HTML 5.0, CSS,AJAX, .net core, Angular2, JavaScript, LINQ, TFS 2015.

# Client: BCBS, Minnesota, MN June 2017– July 2018

# Role: .Net Developer

**Description:** BCBS is one of the largest and oldest health benefits providers in Minnesota; in fact, almost one-third of Minnesota population carries one of our cards. BCBS works with employers, employees, and individual members to offer repaid health plans and insurance. Given the importance of generating fair payment for services provided, the primary objective of a Diagnosis Related Group (DRG) grouper is to categorize hospital stays in a way that most accurately predicts relative hospital resource usage for the care provided to each patient. This project was based on the Payment method development process for DRG.

**Responsibilities:**

* Development was done using **Agile** methodology with daily scrums, paired programming using **TDD** and continuous integration using the **SDLC** process.
* Involved in designing and developing Web Forms and Win Forms using **C#** and **ASP.NET.**
* Implemented **OOP concepts, class, Data Encapsulation, Inheritance, Interface, Abstract class, Polymorphism, Dependency Injection, Generics, Inversion of Control, Multi-threading in C#.**
* Responsible for creating pages using **HTML5**, **CSS3**, **JavaScript** and **Angular JS**.
* Used **JSON serializer** to serialize the JSON data into **C# objects** and also used Xml parser.
* Developed single page applications using **Angular 2, Typescript, HTML5, CSS3,** and **Bootstrap.**
* Developed data driven web pages using **ASP.NET** and **JavaScript**. Implemented the database connectivity using **ADO.NET**, which used stored procedures and triggers from **SQL Server** to retrieve information about the customers and their insurance plans.
* Implemented functionality such as Searching, Filtering, Sorting, Categories, Validating using **Angular JS** framework.
* Implemented **ASP .NET** **Web API** for secure and reliable system in back-end Rest API.
* Created Typescript reusable components and services to consume **REST API's** using Component-based architecture provided by **Angular 2.**
* Developed **MVC** and View Model pattern in creating and managing **VIEWS, Partial Views, View Models** using **ASP.NET MVC**, Custom Error page.
* Worked on the **MVC** architecture in developing the apps, controllers and directives which are totally customized to meet the needs of the application.
* Extensively used User interface controls which use **jQuery** to ensure client-side validation.
* Implemented **WPF** to Create, attractive and effective user interface using **XAML** document.
* Used Entity framework for generating the data model for **MVC** application and used Repository with Unit of Work design pattern.
* Responsible in developing Stored Procedures, Views, Indexes, Scripts for database transactions using **SQL server**.
* Involved in code reviews using Bit bucket and **JIRA** tool and effectively send/receive comments and improved code quality based on the feedback and used **TFS** as the source control.
* Designed and implemented **WCF REST** service for stateless web service behavior.
* Good experience working with **Angular 2**, Typescript and **ES6** features.
* Developed **PL/SQL** procedures and functions to migrate data between Oracle Databases.
* Involved in developing the enterprise reports by pulling data from various sources and presenting in **SQL Server** Reporting Services (**SSRS).**
* Dealt with various SQL Server issues while creating tables and relation between the tables, adding, updating and deleting the data in the tables and also developed complex stored procedures, functions, packages using T-SQL
* Created **Unit Testing, Integration Testing** for all the modules.
* Attends **SCRUM** meeting for daily status.

# Environment: .NET Framework 4.5, Visual studio 2015, Oracle 11g, ASP.NET MVC4, HTML5, Angular 2, Angular 4, JavaScript, CSS3, jQuery, C#, IIS7, Win Forms, PowerShell, WCF, SSRS, AJAX, T-SQL, SSIS, SOAP, WPF, Telerik, REST.

**Client: Infinx, Hyderabad, IN July 2015 – Nov 2016  
Role: .Net Developer  
Description**: The audit management software provides the flexibility to support all types of audits, including internal audits, operational audits, IT audits, supplier audits, and quality audits. It also provides end-to-end functionalities for managing the complete audit lifecycle - from audit planning and scheduling, to the development of standard audit plans and checklists, to field data collection, to the development of audit reports and recommendations, to the review of audit recommendations by auditees and the Management, to the implementation of audit recommendations.

**Responsibilities**:

* Developed the application **Asp.Net 4.0**, **C#**, **ADO.Net**, **SQL Server2008**, **HTML5, CSS3**, **Visual Studio 2012**, **Ajax**, **XML**, **VSS**, **jQuery**, **JavaScript**.
* Designed Graphical User Interface (GUI) using Layout Pages, HTML5, jQuery, CSS classes.
* Implemented **AJAX Library**, **CSS**, and various web controls to present interface to users in a much comfortable environment.
* Rendered dynamic content using partial views and jQuery asynchronous programming.
* Implemented **Angular JS** Services to bind the data and provide access to the data on the server.
* Designed database structure for whole project and written the **Stored Procedure** for the entire application.
* Used Windows Communication Foundation (WCF) methodology to implement the web services.
* Used Team Foundation Server (TFS)as a version control for code repository.
* Involved in designing and developing Web Forms and Win Forms using C# and ASP.NET.
* Implemented Software Configuration Management, setting up company Version policies utilizing TFS.
* Developed Web Services and invoking them by using XML SOAP and WSDL for creating proxy classes
* Worked with SSIS packages in Data Transformation.
* Implemented caching mechanism on page level (web forms) and for ASP.NET web server controls
* Used Web Services (SOAP, WSDL) for communicating with other application and components.
* Developed a landing page and user interface using the Windows Presentation Foundation (WPF), XAML and Win Forms.
* Used **SSRS** to deliver a variety of interactive and printed reports.
* Provided production support and developed enhancements and simultaneously fixed defects.
* Involved in Generating **Reports** and **charts** & **dashboards** using .Net charting controls.

**Environment**: Asp.Net 4.0, C#, ADO.Net, SQL Server 2008, Visual Studio 2012, AJAX, XML, HTML5, CSS3, Angular JS, jQuery, Java Script, Web Forms, Win Forms, WPF, SOAP, SSRS, SSIS, WCF, TFS, Dot net charting.

**Client: Cognos, Hyderabad, India. May 2014 – July 2015  
Role: .Net Developer**

**Description:** A document management system (DMS) is used to track and store [electronic documents](http://en.wikipedia.org/wiki/Electronic_document). It is usually also capable of keeping track of the different versions modified by different users (history tracking).

**Responsibilities:**

* Involved in all the stages of the **Software Development Life Cycle (SDLC)**
* Worked on **Agile Methodology** to meet timelines.
* Used **VB.Net, ASP.NET** technologies to implement this project.
* Created **ADO.Net** entity models, custom entity models, mapping the stored procedures, writing the **LINQ** to entity queries and written extension methods.
* Extensively used JavaScript for masking, collapsing and expanding the panels etc.
* Implemented changes in coding and designs using C#.
* Wrote **Stored Procedures, Views** in Oracle Databases using SQL and PL/SQL
* Created User Controls for common UI components. Created **Master Page** for the common content area on a Web page using **ASP.NET.**
* Stored procedures, Packages, PL/SQL Programs, Functions, Cursors, Reference Cursors, Dynamic SQL, PL/SQL Tables and Package Cursors.
* Involved in designing and developing Web Forms and Win Forms using C# and ASP.NET.
* Involved in developing SQL packages, procedures, triggers, functions and indexes to implement business logic
* Involved in development and debugging of complex SQL procedures and functions
* Developed and Implemented **HTML, jQuery, and JavaScript Functions.**
* Used Team Foundation Server (TFS) for source control.
* Created and deployed SSIS packages to production, scheduled them to run on a routine basis and monitor mistake log for errors.
* Back end Experience in MS SQL Server development, writing T-SQL stored procedures, coding, triggers and cursors.
* Experience in report writing using SQL Server Reporting Services (SSRS) and creating various types of reports like Tabular, Matrix, Drill Down, Drill Through and web reporting by customizing URL Access.
* Created reports using **RDLC (Report Definition Language Client Side).**

**Environment**: ASP.NET 4.0, VB.NET, SQL Server 2008, RDLC, LINQ, IIS, Win form, T-SQL, TFS, JavaScript, HTML, XML, Web Services.

**Education:**

Bachelors in Electronics and Communication Engineering – SRM University (Kattankulathur, Tamil Nadu)

Master’s in information quality – University of Arkansas at Little Rock (Little Rock, Arkansas)