**Name: Sai Reddy**

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**Summary:**

* Around 9 years of experience in analysis, design, development of Web based and Client Server applications. Successfully executed and managed multiple web-based projects based on **Microsoft technologies (VS 2022, VS 2019, VS 2017, VS2015, .Net Core, .net framework 6.0)**.
* Experience in all phases of **Software Development Life Cycle (SDLC)** including Architecture, analysis, design, coding, debugging, testing (test plan and test execution), integration and system testing, documentation and maintenance of the programs.
* Experience in Performance Engineering and working experience with **DevOps CI/CD pipelines**.
* Experience in N-tier client/browser-server applications using .NET Framework technologies- **ASP.NET, ASP.NET Core 5.0, C#, ADO.NET, JavaScript, LINQ, AJAX, WPF, WCF, Web Service and IIS7/6.**
* Expert in developing **User Interface (UI)** Applications and professional Web Applications using **Web Standards, JavaScript, React, Material UI, Bootstrap, HTML/HTML5, XHTML, jQuery, CSS/CSS3, AJAX.**
* Good Experience with **front end JavaScript libraries and frameworks like** **ReactJs and AngularJS** controllers, directives, factory and service resources, routings and events.
* Extensive understanding of developing applications using **ASP.NET MVC framework and data modelling.**
* Experience in **Windows Presentation Foundation (WPF) screens and worked with RESTful services and Windows Communication Foundation (WCF) services**.
* Experience in architectural pattern **Asp.Net MVC5, MVP, RESTful services, .Net Core**
* Extensively used XML technologies such as **XML, XSL/XSLT, RESTful, SOAP**.
* Experience in using **Language-Integrated Query (LINQ) query and retrieve data from different data sources (LINQ to Objects, LINQ to XML, and LINQ to SQL)**.
* Strong analytical and conceptual skills in database related work primarily creating complex stored procedure, Views, Triggers, Functions, using **PL/SQL, T-SQL.**
* Worked extensively with ADO.NET objects such as Data Adapter, Dataset, and Data Reader to interact with databases like **SQL Server & Oracle**.
* Experience with **microservices development and design patterns**.
* Work experience on **Windows Azure, Azure Active Directory, SQL azure,** creating resource groups, subscriptions, build definitions and release definitions.
* Experience in relational **database design, data extraction, data transformation and loading from large and complex data sources using T-SQL, SQL Server**.
* Used N-tier architecture for presentation layer, the Business and Data Access Layers and were coded **using C#. Net.** Good Experience in Developing Applications using Microservices.
* Experience in creating use case diagrams, class diagrams, activity diagrams, sequence diagrams, page flow diagrams **using UML technologies**.
* Involved in Unit, integration, functional, system, performance and acceptance testing and code review and attended daily standup meetings for task allocation and status update.
* Proficient **with SQL Server Database design, developing performance optimized SQL**.
* Queries and stored procedures using SQL Server 2016/2014/2012.
* API validations with **Postman, Swagger/OpenAPI**
* Experience in using **MVC4, MVC5/Razor design pattern** in developing standards-based web applications.
* **Excellent at learning and adapting to new technologies. Adaptable to work both as a team member as well as independently.**

**Technical Skills:**

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| --- | --- |
| **Application Programming** | C#.NET, ASP.NET, ASP.NET Core 5.0, JavaScript, ReactJs, SQL, T-SQL, PL/SQL. |
| **Frameworks** | .NET Framework 5.0,4.7/4.5/4.0/3.5/3.0, ASP.NET MVC 5.0/4.0, ADO.NET, MVVM, Entity Framework, Web API, RESTful APIs, LINQ, Angular JS, React JS. |
| **Development Tools** | Visual Studio 2019/2017/2015/2013/2010 |
| **SQL Server** | Management Studio, SQL Server - Reports Manager and Integration Services. |
| **Web Related** | ASP, Java Script, jQuery, NodeJS, AngularJS, Bootstrap, HTML5, DHTML, CSS, CSHTML, AJAX, XML, XSLT, XPath, jQuery. |
| **Web and Application server** | Internet Information Server (IIS) 7.0/6.0. |
| **Cloud Technologies** | Microsoft Azure. |
| **RDBMS** | MS SQL Server 2016/2014/2012, Oracle 9i, Oracle 10g MS Access, Oracle APEX |
| **Scripting Languages** | Java Script, VB Script, jQuery, JSON, Angular JS |
| **Testing Tools** | SOAUI, NUnit, Selenium, jMeter, NeoLoad, Test Rails |

**Education:**

* Bachelor in Computer Science - GITAM University, 2014.

**Work Experience:**

**Client: Sentara Health Care Feb2021 - Present**

**Location: Norfolk, Virginia.**

**Role: .NET Developer**

**Responsibilities:**

* Designed and developed UI framework for the web application using **ReactJs,** **JavaScript**, **Bootstrap**, **jQuery** and **HTML5**.
* Designed and developed the web application using **.NET Core 5.0** and **ASP.NET MVC** Architecture with Entity Framework.
* Responsible for designing the **ASP.NET** application authentication using .NET Framework (Form based authentication and Role based authorization using ASP.NET membership provider), **Model View Controller MVC and IIS** security model.
* Extensively used ReactJS UI Router for implementing routing to the web application.
* Designed customized ReactJS Directives.
* Extensively used modernizer to create HTML5/CSS3 page layouts that are cross browser compatible and standards-compliant.
* Created the application with ASP.NET MVC and made use of ASP.NET MVC features like Routing, Partial views, Html Helpers etc.
* Created and Used Web Services to implement some functionalities and consumed external Web Services.
* Used XML to store and transport data.
* Created Data access layer for SQL server using **LINQ**.
* Designed and developed **SQL Server Reporting Services** (SSRS) SQL Server.
* Involved in Report writing according to business requirement using SSRS Reports.
* Written Queries using **T-SQL Statements**, Views, User Defined Functions, Stored Procedures, Triggers in SQL Server 2016 for inserting/Updating/Deleting the data into the relational tables.
* Created **Indexes, Views** and **Stored Procedures** for quick and efficient retrieval of data using SQL Server 2016.
* Used type-safe SQL Parameters for data access to avoid SQL Injections.
* Implemented source control and version control using GIT.
* Extensively used **SSIS** to create packages to move data from a single data source to a destination.
* Assisted in quality assurance measures such as code reviews, test case creation and unit testing for different modules

**Environment**: .NET FRAMEWORK 4.0/3.5, ASP.NET 4.0/3.5, ADO.NET, ASP.NET, Visual studio 2019, AJAX, TeamCity, XML, HTML, SOAP, IIS 7.0, JavaScript, jQuery, CSS, SQL Server 20019, Kafka, Docker.

**Client: AvidXchange Jan 2019 - Jan2021**

**Location: Houston, TX.**

**Role: .NET Developer**

**Responsibilities:**

* Performed actively in the Development and Testing phases of **SDLC life cycle** and monitored day to day project activities to ensure the deadlines were achieved as per client expectation.
* Developed **ASP.NET MVC 5.0 and Web API's (HTTP/REST Service**) web application using **C#.NET** as Business Logic and Angular as front-end UI.
* Developed the front-end of the web application **using Angular 6, HTML5, CSS3, AJAX, Bootstrap 4 and jQuery.**
* Utilized Angular and TypeScript for control validations and data format checking.
* Implemented convention-based **CRUD** actions like **GET, POST, PUT**and**DELETE**.
* Designed and created models, components, modules, and services to apply client-side logic and dependency injection using Angular.
* Created services and integrated with RESTful APIs. Used Angular **Http Client** to send GET/POST request to fetch data from server.
* Worked on RESTFUL Services using **WEB API** which return **JSON** data.
* Worked on .NET framework and MVC with middleware **Entity Framework Repository Pattern.**
* Created Tables and Views on the SQL Server. Written SQL Scripts such as **Packages, Stored Procedures, Functions** and **Triggers** to manipulate and retrieve data from SQL Server database.
* Actively Involved in migrating on-premise web application to Azure cloud.
* Experience in building (CI/CD) on Azure environment.
* **LINQ** was extensively used in view extension to parse out unnecessary information and to make call to SQL database.
* Installing, configuring and administering Jenkins Continuous Integration (CI) tool on windows machines along with adding/updating plugins such as GIT.
* Used **GIT** to maintain the versions of the application.

**Environment:** C# .NET, ASP.Net Framework 4.7, ASP.NET WEB API, JavaScript, Typescript, Node JS, REST API, Angular 6, AJAX Control Tool Kit, T-SQL, Visual Studio 2019/17, ASP.NET MVC 5.0/4.0, GIT, IIS 10.0, Entity Framework Core, LINQ, SQL Server 2016

**Client: *Zensar Technologies* Jan2018 - Oct 2018**

**Location: Bangalore, India**

**Role: .NET Developer**

**Responsibilities:**

* Implementation of changes in coding as per the client requirement.
* Developed UI functionality of Employee Management and Complete Functionality of User Management modules. I used membership API of Dot net for User Management Module and SQL server as Backend.
* Designed and developed web pages using [**ASP.NET**](http://asp.net/)**and C#.NET** as business layer language.
* Used [ADO.NET](http://ado.net/) extensively for retrieving, querying, storage, and data Manipulation for achieving continuous database connectivity.
* Worked with the **GUI (Graphical User interface**) which is in Angular 6 to test all kinds of Workstations and Notebooks
* Involved in developing and deployment of Web Services to communicate with legacy systems.
* Implemented UI validation using Validation Controls and JavaScript.
* Used various Angular 2 custom directives and developed reusable components and templates that can be re-used at various places in the application.
* Worked with Angular 2 to develop single page applications, worked with **ngrx** for managing Angular applications.
* Used AngularJS as framework to create a **Single Page Application** (SPA) which can bind data to specific views and synchronize data with server using **Sass, LESS, Bootstrap**.
* Worked with CSS3 and Bootstrap to create responsive web designs for multiple department/pages.
* Worked on **jQuery/JSON, knock out JS, Kendo UI concepts** in different contexts.
* Implemented Presentation layer using CSS Framework, Node.JS, ReactJS, AngularJS, knockout JS, HTML5.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 2.
* Created single Page Application with loading multiple views using route services and adding more user experience to make dynamic by using Angular 4 framework and Node JS.
* Developed user interface by using the React JS, **Flux** for SPA development.
* Implemented react JS code to handle cross browser compatibility issues **in Mozilla, IE 7, 8, 9, Safari and FF.**
* Used React-Router to turn application into Single Page Application.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Develop various screens for the front end using React JS and used various predefined components from NPM (**Node Package Manager**) and Redux library.
* Designed and developed several user controls and custom controls that are used in the entire application using [**ASP.NET**](http://asp.net/) and C#.
* Designed and configured **Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, and security policies and routing.**
* Deployed Azure IaaS virtual machines (**VMs**) and Cloud services (**PaaS role instances**) into secure VNets and subnets.
* Designed VNets and subscriptions to confirm to Azure Network Limits.
* Exposed Virtual machines and cloud services in the **VNets** to the Internet using Azure External Load Balancer.
* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the **VNet** with **Azure Internal Load Balancer**.
* Implemented high availability with Azure Classic and Azure Resource Manager deployment models.
* Migrated, tested all User Conversions cosmos DB scripts from old One RM system to Iris Insights system.
* Developed the scripts which push the data from the cosmos DB output streams into SQL Server Databases.
* Extensively used [**ADO.NET**](http://ado.net/) objects such as Data Set, Data Table, and Data Reader for consistent access to SQL databases.
* Used [**ADO.NET**](http://ado.net/) to access database, modify records and update database.
* State management was achieved using **Session State, View State and Application State**.
* Involved in Database Design, Creating tables, and Triggers.
* Used **Resharper** to maintain coding standards.
* Used SQL Server 2014 as backend database. Created and used complex store procedures, Views wherever it is required to meet the reporting needs of the users.
* Compiled and deployed the code continuously using **Teamcity CI tool**.
* Worked closely with Quality Analysts to fix bugs during Quality Assurance and User Acceptance Testing.

Environment: C#4.0, ASP.NET4.5, ADO.NET, SQL Server 2008, ASP.NET MVC 4, JQuery, Ajax, HTML5, Angular JS/2, TypeScript, ReactJS, NodeJS, CSS3, Bootstrap, Azure, Cosmos DB, IIS, AJAX, SOAP, Visual Studio 2012, WCF, Web Services, TFS, Entity Framework.

**Client: *NISI*  Aug 2014 - Dec2017**

**Location: Hyderabad India.**

**Role: .NET Developer**

**Responsibilities:**

* Worked with Business Analysts in understanding business requirements and analyzing use cases.
* Involved in all the tiers of this application. Worked on Business layer and UI Layers. Developed Business and Data tier using .Net Core.
* Extensive development using **ASP.NET, Web Forms using Master Pages, Themes, Web Parts, Provider Model, JavaScript.**
* Developed various pages in the applications in front end technologies **HTML5, CSS3-SASS, JSON, Angular 4.**
* Built Angular 4 components, UI services to consume rest services using Component based architecture provided by **Angular 5**.
* Developed powerful Single Page Application and dynamic responsive Web Application with **Angular 4**.
* Worked with NPM commands and using **Package.json** for managing dependencies and dev-dependencies of Node.js applications.
* Worked on AngularJS features like two way binding custom **Directives, Controllers, Filters, Services and Project architecture, ReactJS features like Components, Lifecycle methods** and **unidirectional data flow using Flux architecture.**
* Responsible for React UI and architecture. Building components **library, including Tree, Slide-View, and Table Grid.**
* Worked on JavaScript frameworks (Node JS, React JS) to augment browser-based applications.
* Developed dynamic web pages for Application using MVC, C#, HTML, Java Script.
* Taking advantage of the MVC pattern of the **AngularJS** and **Knockout.js** framework to accomplish the single page application and produce higher maintainability of the code.
* Used jQuery to navigate to different pages of the application using DOM elements, and to create AJAX pages.
* Used ASP.NET web server controls like Grid View, List View and Repeater for displaying the required information.
* Experience with creating script for data modeling and data import and export. Extensive experience in deploying, managing and developing MongoDB clusters. Experience in creating JavaScript for using DML operation with MongoDB.
* Involved in designing Web forms using server controls, validation, user controls using ASP.NET, C# and used them dynamically in the web pages using Master pages and CSS.
* Extensively worked on writing Stored Procedures, User Defined Functions.
* Wrote Complex Stored Procedures, Functions fetch data from complex views and tables using many joins in SQL and developed custom controls.
* Used TeamCity continuous integration build server and JIRA for issue/task tracking.
* Used **Team Foundation Server** (TFS) to maintain the various versions of code.
* Involved in Support, Maintenance and debugging the applications and the data if there is a failure.
* Experienced working in Agile Software, and **Test-Driven Development** (TDD), conducting Code/Test Case review meetings, participated in daily SCRUM meetings.
* Involved in testing like Unit test, Integration test, Acceptance test and Regression testing using **NUnit** and responsible for writing test scripts and scenarios.
* Performed Version Management using Microsoft TFS.
* Effectively fixed the defects founded during functional testing phase and QA phase.

**Environment:** .Net Framework 4.0, .Net core, MS Visual Studio, VB.Net, C#.Net, ASP.Net, ADO.Net, SQL Server, CSS, JQuery, JavaScript, Angular JS, JQuery, Bootstrap, Windows Servers 2008, Ajax Toolkit Controls, Oracle, Web Services, Web Methods, MongoDB, SOAP/WCF, HTML, TFS.