**Name: Harish Reddy Sammireddy**

**Sr .NET Developer**

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**Professional Summary:**

* Over 10+ years of experience in IT industry involving in all phases of Software Development Life Cycle including Requirement Analysis, Design, Development, Programming, Testing and Implementation, Production Support, Performance Tuning, Monitoring & Trouble Shooting.
* Experience in building Windows and Web application/services with .Net Technologies like C#.NET, ASP.NET, VB.NET, MVC, ADO.NET, VB6, VB Script and CSHTML, XML, XSLT, LINQ, JavaScript, jQuery, AJAX and the business logic with C# and Domain - Driven Design (DDD).
* Extensive work with ASP.NET MVC 4 and MVC 5, Web API, RESTful APIs, Angular JS, Bootstrap, Entity Framework, LINQ, SQL Server Architecture, User Interface Design, client-side development, middle tier, and back-end development.
* Used Microsoft Azure and Microsoft PowerShell platform for building, managing, and deploying web applications.
* Hands-on experience in object-oriented programming (**OOP**), object-oriented analysis and design (**OOAD**), relational databases (**RDBMS**), and proficient in using **Entity Framework** for performing **CRUD** operations.
* Experience in deploying applications on Cloud Services, such as **Microsoft Azure and Amazon Web Services (AWS)**, using **Azure DevOps, Azure Pipeline**, and **AWS Code Pipeline for CI/CD**.
* Significant expertise in migrating applications to Azure cloud, utilizing tools like Visual Studio and PowerShell for smooth transitions.
* Extensive experience in scripting and automating tasks using PowerShell, improving operational efficiency.
* Developed reusable components and directives in Vue.js, enhancing code maintainability and readability.
* Well-versed in utilizing Azure components like Service Bus and Message Queues to ensure effective communication between software applications.
* Experienced in database migration initiatives from legacy systems to modern platforms like Azure Cosmos DB.
* Strong experience in implementing web applications with MVC architecture using MEAN Stack technologies. to create comprehensive web applications from databases, back-end server to front-end webpages.
* Experience building structured MVC web applications using JavaScript, Angular2, Node.js, jQuery, Express, MongoDB.
* Extensive knowledge in commercial RDBMS such as MS SQL Server, My SQL and MS Access.
* Deep expertise in .NET security, including Windows-based and Forms-based Authentication, and authorizing users based on assigned roles.
* Skilled in the front-end development of web-based applications and experienced in working with client-server technologies.
* Extensive experience in Agile Methodology, Scrum processes, Sprint Planning, Story based Development.
* Proficient in API Gateway/API Management, skilled in collaborative automated testing with QA, and well-versed in Agile, DevOps, and Waterfall workflow models.

**Technical Skills:**

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| --- | --- |
| Microsoft Technologies | .NET Framework 5.0, ASP.NET, ADO.NET, ASP, ADO, WCF, LINQ |
| Programming Languages | C#, .net, VB.Net, Knowledge in Python |
| Web Scripting Languages | JavaScript, JSON, jQuery, CSS, HTML, DHTML |
| Web Technologies | ASP.NET, HTML5, CSS3, Java Script, JQUERY, Angular 15/14/13, Kendo UI, Angular JS, Ajax, Web Services, Bootstrap. |
| Database Technologies | SQL Server (Stored Procedure, Triggers, User Defined Functions, Views), MS Access, T-SQL, PL/SQL, ODBC, MySQL, SQL Server client management studio, MongoDB, Oracle 10g/9i/8i. |
| XML Technologies | XML, XHTML, DHTML, SOAP, WSDL, Web Services |
| Operating Systems | Windows 2007, Windows 10, and Windows server 2012/ 2016/2019 |
| Software/Tools | Jenkins, Docker, Kubernetes |
| Modelling Tools | UML, Rational Rose, Design Patterns, MVC |
| Cloud | Azure, AWS |
| Application Servers | IIS |
| Testing Tools | MS-Test, N unit, Mocking, Visual Studio Unit Test, J unit, Jasmine. |
| Version Control Tools | Visual Source Safe (VSS), Team Foundation Server (TFS), VSTS, GIT. |
| Tools | SSRS, Redis, PostgreSQL, OData, Crystal Reports, SSIS, UML, MS Visio, Subversion, TFS |

**Professional Experience:**

**Client: Broadridge, Newark, NJ** **July2021 – PRESENT**

**Role: Sr .Net Full Stack Developer**

**Roles and Responsibilities:**

* Involved in Requirement Analysis, design, and development of Web application. Designed and developed web application using Angular, **ASP.NET MVC** and Entity Framework.
* Created rich Power BI visualizations DAX queries and work with Power Query, M code language for data integration and transformation as per the business requirement.
* Installed and configure Power BI Gateways to keep the dashboards and reports refresh automatically.
* Designed dynamic and multi-browser-compatible pages using HTML, CSS, JavaScript, Angular Material, Typescript, and **Angular 13.1.2**.
* Used Angular 13 as a framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server by using JavaScript and TypeScript programming.
* Created custom directives in **Angular 14** for re-usable components (multi-field form elements, background file uploads) and used filters while coding in **Angular 14**.
* Created user interfaces using **HTML5, CSS3, Bootstrap, JavaScript, AJAX** and Angular.
* Created different business classes and interfaces using .NET Framework 4.5 with Object Oriented Programming Methodology.
* Developed various Data Service classes to connect and manipulate data using ADO.NET, and VB.Net, and using Dependency Injection (Setter Injection) in exceptional cases.
* Implemented business logic using MVC Action Filters like MVC Authorization filters, action filters and exception filters. Used MVC bundling to improve application performance. Used HTML helpers to render HTML content in a view.
* Showcase specific accomplishments related to Azure, such as optimizing resource utilization, improving system performance, or implementing cost-saving measures.
* Proficient in building Azure Functions using .NET Core, harnessing the power and flexibility of the cross-platform .NET framework.
* Developed and deployed web applications on Azure App Service, leveraging its features for automatic scaling and continuous integration.
* Implemented serverless solutions using Azure Functions, optimizing application performance, and reducing infrastructure costs.
* Implemented autocomplete textbox functionality in **MVC. JQuery** validation and MVC unobtrusive validation were used to validate form fields, used custom error pages when needed.
* Developed and designed user interfaces in Angular.
* Familiarity with popular UI component libraries such as Material-UI, Ant Design, or Semantic UI, enabling rapid development of responsive and visually appealing user interfaces.
* Improved the performance of an **ASP.NET MVC** application by taking advantage of the output cache. Designed dynamic and browser compatible pages using JavaScript and Angular.
* Developed and consumed RESTful web services using Web API. Responsible for creating the screens with table-less designs meeting W3C standards. Wrote and used stored procedures, **Database Triggers** in SQL Server. Developed reusable Ext JS components Such as Viewport, Panel, and Grids etc.
* Accessed internal and external agency public web API core resources and rendered data to the UI data portal. Added new functionality and enhanced security on the WEB API, testing it with Postman externally and Swagger UI internally.
* Followed agile methodology, updating daily work tasks to the Manager and team with updates on technologies and social aspects.
* Conducted end-to-end manual tests from backend SQL to UI design and API, handling application service exceptions.

**Environment:** .NET 5, ASP.NET 4.5, .Net Core 3.0, MVC 5, .Net Framework, **Angular JS/13/11/15**, JIRA, Jenkins, Azure App Service, Azure Functions, Azure API Management, VS 2019, GITLAB, TFS, Data Modeling, VB.Net, Web Forms, JSON, Web API, AJAX, Bootstrap, Cosmos DB, PostgreSQL, swagger, XML, JQUERY and CSS, HTML5, SOAP, LINQ, JavaScript.

**Client: Centene – St Louis, MO Jul2019 – Jun 2021**

**Role: Senior .NET Developer**

**Roles and Responsibilities:**

* Used AGILE SCRUM methodology to deliver in sprints and Status Meetings and Code Review Meetings.
* Implemented UI using **HTML5, CSS3, JavaScript, AngularJS, Angular 2/ 10, AJAX, Bootstrap** to create responsive web pages and developed user-friendly layouts.
* Implemented **Angular 10** inbuilt directives for Angular lifecycle checks improving application performance and customization.
* Bundling and minification for all **HTML, JavaScript, CSS, and Image assets** was implemented through Gulp tasks and executed as NPM/Node commands.
* Developed reusable components and services using TypeScript to perform CRUD operations based on **Angular 10** structure promoting code reusability and maintainability.
* Angular Modules are created to keep all the related components of an application together. To transfer the application data between models and views Data Binding is used with the help of different in-built Directives. Multiple AngularJS Controllers were developed to connect the various services and views within the **SPA**.
* Implemented AngularJS services that were injected into the application controllers to run **HTTP** calls to the backend Web API endpoints and return the **JSON** data to the controllers and views.
* JWT Token authentication through Web API was used as the identity and access token method to provide the Angular application access to the backend Web API endpoints.
* Designed and created the backend SQL Server databases, models, and relationships through a Code First approach within **Entity Framework**.
* Worked on complete **SSIS** life cycles including creating **SSIS** packages, building, and executing the packages in multiple environments: development and production. Performed **T-SQL** tuning and optimization of queries for reports that take longer execution time using SQL Query Analyzer in MS SQL Server.
* Implemented **SQL Server Reporting Services** (SSRS) reports within the environment to meet data reporting needs. Used **VSTS** version control system to keep track of all changes to source code and deal with branching and merging when developing features or enhancements outside of the main branch.
* Implemented RESTful APIs using AWS API Gateway, facilitating communication between .NET applications and external services.
* Developed serverless applications using AWS Lambda, providing scalable, cost-effective solutions for various business requirements.
* Configured AWS CloudWatch for monitoring, logging, and creating alarms, providing real-time insights into application performance and infrastructure.
* Utilized Amazon SQS for message queuing and Amazon SNS for event-driven communication between .NET applications and various services.
* Implemented Unit Testing, Integration Testing and System Testing using NUNIT.
* Utilized JIRA tool for defect management, ensuring effective tracking and resolution of software issues.

**Environment:** Visual Studio 2015, Visual Studio Code, .NET Version 4.5, Entity Framework, ASP.NET Web API, C#, CSS3,

HTML5, Twitter Bootstrap, JavaScript, jQuery, Angular JS, Angular 2, AJAX, SQL Server 2012, AWS API Gateway, AWS Lambda, AWS CloudWatch, T-SQL, Gulp, NUnit, SSRS, SSIS, SSMS, JWT, IIS, VSTS.

**Client: State of Oregon, Portland, OR Oct 2016 - Jun 2019**

**Role: Sr .Net Full Stack Developer**

**Roles and Responsibilities:**

* Developed single page application using **Angular 6/7**, Typescript, HTML5, CSS3, and Bootstrap.
* Built the Responsive Web pages using Bootstrap and Media queries. That could serve the different kind of devices like mobile, tablets and desktops etc.
* Transformed the response using **Angular 6/7** observables. Used CSS3, Bootstrap, to make the application responsive and Rich.
* Taking an active role in structuring our Single Page Application (SPA) to make them easy to maintain and to ensure they are highly modularized.
* Created custom pipes using angular 6 before displaying it to the user. Implemented front end user interface and features in the application using AJAX.
* Created CSS files to be applied to various web forms on the web pages.
* Interacted with restful services using **Angular 6** Creating **ASP.Net ASCX, HTML, JSON,** Angular Typescript functions design custom controls, **MVC Razor** custom views, service, Scope, Business model and associated control templates and integrating and customizing (styles) 3rd party control using **bootstrap CSS**.
* Developed Dynamics UI design pages, style, fields, controlled by user admits, implemented angular react forms, worked on the creating different screen using ExtJs. Developed reusable Ext JS components Such as Viewport, Panel, and Grids etc.
* GUI was developed using **JQUERY** with **JavaScript, JSON, CSS, XAML, and ASP.NET MVC, APIs, Google API.** Experience working with Node.js to setup Web API’s using JavaScript.Implement **JSON** functionality and transform **JSON** data to **DOM UI** with responsive bootstrap design.
* Designed database tables, views, constraints, and stored procedures on SSMS 2018 tool in SQL server 2018.
* Accessed internal, external agency public web API core resources and render to UI data portal.
* Added new functionality and security on **WEB API** and test API with postman external, swagger UI for internal. Written Web services using **SOAP** for sending and getting data from the external interface.
* Implemented server caching techniques, state management, windows, and Forms Authentication in ASP.NET Responsive Design.
* Implemented security best practices in azure Functions, including input validation, authentication, and authorization mechanisms to safeguard against potential vulnerabilities.
* Developed custom controls for Windows Forms and generating reports.
* Used **ADO.NET** extensively to access the database (SQL, ORACLE). Prepared Test cases provided technical documentation.
* Integrated Azure-specific third-party controls and libraries to enhance application functionality and user experience, leveraging the Azure Marketplace for seamless integration.
* Leveraged Azure Repos for source code maintenance, ensuring version control and collaboration among the team members.
* Implemented event-driven architectures by creating Azure Functions triggered by events such as HTTP requests, timers, storage events, and message queues.
* Integrated Azure Functions as microservices within larger applications, promoting scalability, maintainability, and independent deployment.
* Implemented dependency injection and configuration management in Azure Functions, adhering to best practices for modular and testable code.
* Consumed Web API’s (HTTP/REST) Services to implement business logic using C#5.0.
* Apply to change on crystal reports in asp.net and verify neighborhood data, Implements dynamic components UI, typescript services angular use internal data tool applications.
* End to end Manual test from backend SQL to UI design and API and handle application service exception. Used SP Service and JSOM to pull data from SharePoint list to content editor web part and used CSS to customize look and feel. Created Restful web services using ASP.NET Core.
* Designed and implemented comprehensive unit tests and end-to-end tests, achieving 90% test coverage, and improving overall software reliability.

**Environment:** Azure App Service, Azure Functions, Azure API Management, .NET 5, ASP.NET 4.5, Angular, User Controls, Visual Studio 2019, GITLAB, TFS, .Net Framework, MVC 5, SharePoint 2013, Web Forms, JSON, Web API, AJAX, Angular.JS, Bootstrap, SQL, Cosmos DB, PostgreSQL, swagger, XML

**Client: DTCC, Tampa, FL Dec 2014 - Sep 2016**

**Role: .NET Developer**

**Roles and Responsibilities:**

* Followed **Agile SCRUM** Developmental approach to deliver product releases by **SPRINT** processes in an iterative and incremental approach (SCRUM).
* Used **HTML, JavaScript, and CSS** throughout the application to add content rich and interactive web pages. **Used JSON/AJAX and Custom HTML** Helper Classes to implement asynchronous calls to the server for updates.
* Implemented MVC Architecture on client side and creating Models, Controllers, and Views Scope using the ASP.NET MVC framework.
* Added new functionality to existing tools and web solutions using **ASP.NET MVC, Razor** and **Entity Framework.**
* Implemented communication mechanisms between View to Controller using View Bag, Temp Data and Action Results and Controller to View using Model Binder, Http Request Collection and State Models.
* Used LINQ to Entities extensively to query and filter the models to be displayed on view. Developed **CRUD** functionality in **ASP.NET MVC** with the help of Entity Framework Code First and Database First approaches.
* Designed and developed different database objects containing functions, triggers, stored procedures with **T-SQL** to manipulate the database of the application.
* Expertise in using Git for version control, including branching, merging, and resolving conflicts to manage source code efficiently.
* Facilitated collaborative development workflows using Git and GitHub, ensuring code quality through code reviews and pull request feedback.
* Implemented and maintained Jenkins pipelines for automating the CI/CD process, including building, testing, and deploying applications.
* Implemented Unit Testing, Integration Testing and System Testing using NUnit. Involved in Unit Test cases, code review checklist preparation and validation. Utilized Team Foundation Server (TFS) for version control during development and maintenance.
* Proficient in using the AWS SDK for .NET to interact with AWS services programmatically from .NET applications.
* Implemented RESTful APIs using AWS API Gateway, facilitating communication between .NET applications and external services.

**Environment:**Visual Studio, *.*NET 4.0/3.5, C# 4.0, ASP.NET 5.0/4.0, MVC, EF, WCF, HTML, CSS, JavaScript, AJAX, JSON, SQL Server 2012, SSMS, SQL Profiler, SQL Server Agent, LINQ, T-SQL, Telerik, NUnit, IIS, TFS, AWS API Gateway, AWS SDK.

**Client: HSBC, Hyderabad, India Aug2013 – Oct 2014 Role: .NET Developer**

**Roles and Responsibilities:**

* Development of web-based N-Tier application developed using Toad Oracle 11g as Data Repository Tier, **WCF** Services and ODP.NET, Data Services (Data Access Layer) as Business Service Tier and **ASP.NET** as Presentation Tier and using the functional specification, with another DB interface using **JDBC**.
* Designed, developed, and customized several web pages using **HTML4.0/HTML4.1/HTML5, DHTML, CSS3** and **XSLT, Ajax, API calls, VB.NET, C#.NET, ASP.Net 4.0 and Java Script** with Responsive Design.
* Designed and developed the complete system development life cycle like system analysis, design, development, and implementation of the architecture.
* Involved in status reports, design changes, meetings, and user’s approval.
* Implemented source control and version control using **CVS,** create branches in **TFS**.

**Environment:** VB.NET, C#, ASP.NET MVC, VB.NET, WCF Services, HTML, CSS, JavaScript, JQUERY, JSON, MVVM, AJAX, ADO.NET, React JS, XML, ODP.NET, DML, Team Foundation Server (TFS) 2010, scrum, VS 2010, UML, IIS 6.0, SOA Web Service, Crystal Reports, Toad Oracle 11g, JDBC, PL/SQL

**Education:** Bachelor’s in CS, JNTU, India- 2013