**Srikant Reddy**

**Sr .Net Developer**

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**Professional Summary:**

* Around **10+** years of work experience in Software analysis, design, development, integration, testing, process control, and maintenance of internet and intranet applications.
* Hands on experience in Design Patterns such as Singleton, Façade, Factory and Dependency Injection.
* Extensively applied the Object Oriented Analysis and Design (OOAD) concepts, and used design patterns like Singleton and Abstract Factory.
* Experience in working with. Net framework 4.6/4.5/4/3.5/3.
* Experience in Developing N-tier web applications using the. NET Framework, Visual Studio. NET, ASP.NET, **C#, VB. NET, AJAX, CSS, XSD, XML, Web Services, WCF, WPF, ADO. NET**, Microsoft Expression Blend 3, IIS 7.0/6.0/5.0, ASP, JavaScript, VB Script).
* Experience consuming **WCF** and web services (**SOAP**, WSDL, and XML).
* Broad experience in WCF with all the programming and technologies integrated into **ASP. NET** framework and **MVC3, MVC4, TDD**.
* Experience in developing applications using **Angular 7,8,9,10,11,12**.
* Good knowledge in utilizing Devops applications integrating with cloud.
* Experience in software Life Cycle development, which includes the gathering of requirement, Object Oriented Analysis, Design, Development, Testing and Documentation.
* Implemented Authentication and Authorization using AAD, ADFS with Access token, Claims Identity with **Microsoft Azure Graph API**, OAauth, SAML2.0.
* Actively part of Virtual machines and cloud services in the VNets to the Internet using Azure External Load Balancer.
* Involved in Setting up Azure Active Directory and sync services with on-premises active directory.
* Possess in-depth knowledge in Object Oriented Programming techniques.
* Broad experience in Database Design and Database Programming using SQL Server.
* An expert in creating database objects like Stored Procedures, Views, Triggers, Joins and Functions.
* Highly expert in designing and implementing applications using ADO. NET objects like Connection Object, Command Object, Data Reader Object, Dataset Object and Data Adaptor Object for manipulating, retrieving, storing, and displaying data from SQL Server.
* Experience in **SQL** Server and SSIS (Integration Service) package design, constructing and development.
* Experience in using LINQ to SQL, LINQ to XML, and LINQ to Objects for retrieving the data efficiently.
* Have experience in Agile Software Development Methodologies.
* Have experience in using JQuery library and Plug-ins.
* Proficiency in working with XML, HTML, DHTML, JAVASCRIPT Controls, Server Controls, and Web Controls.
* Experience in designing web applications using Ajax calls to improve the response time.
* Have experience in Software Testing, Automated Unit Testing and Quality Assurance.
* Ability to work under pressure and able to prioritize the complex issues.
* Good team player and ability to learn new technologies in less time.
* Closely worked with different application Teams to modernize their existing process using Power Platform.
* Develop quick small applications using Microsoft PowerApps, Power Automate, SharePoint online and Azure Cognitive services
* Maintenance Programmer supporting e-terraarchive suite. Product provides a distributed generalpurpose tool for scheduling data transfers from real time SCADA systems to Oracle or SQL Server. Development environment included PL/SQL, WIN32/Unix ODBC, C++, ASP

**Technical Skills:**

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| **Programming Languages:** | **ASP.Net, C#.Net, VB .Net** (Framework 4.6, 4.5, 4.0, 3.5, 2.0), Net Core |
| **Design Pattern** | MVC3, MVC5, MVVM |
| **Design and Modeling tools:** | Enterprise Architect (EA), Microsoft Visio, Entity Framework |
| **Reporting Tools:** | SQL Server Reporting Services (SSRS) 2008, 2008 R2 |
| **RDBMS:** | MS SQL Server 2016/2014/2012/2008, MS-Access |
| **ETL:** | **SSIS 2014/2012/2008** |
| **Web Services:** | Web API, Restful, WCF 4.0, SOAPUI, TCP/IP, Azure. |
| **Development tools:** | Visual studio 2017/2015/2013/2012/2010/2008/2005/2003 |
| **Version control:** | Visual Source Safe, Team Foundation Server, GIT hub |
| **Web Development:** | HTML, VB Script, JavaScript, CSS, AJAX control toolkit, JQuery, Angular JS and Web Forms |
| **Others** | ADO.Net, NUnit, Altova XML, IBM Rational ClearQuest, Windows Services, ORSYP Dollar Universe Scheduling tool, Agile (Scrum), TDD, Waterfall |
| **Operating Systems:** | Windows 9x/NT/XP, Windows 7, MS-DOS, UNIX |
| **GUI** | WPF, Win Forms |

**Professional Experience**:

**Client: AT&T, VA** **Feb 2023 -Present**

**Title: Sr .NET developer**

**Responsibilities:**

* Implemented the project according to the Software Development Life Cycle SDLC and programming by using fast paced agile methodology, involving task completion, user stories, and iterations.
* Successfully implemented the Factory Method pattern to create objects
* Used the Factory and Abstract Factory patterns in conjunction with the Dependency Injection feature in ASP.NET Core
* Integrated the Abstract Factory Method pattern to produce families of related or dependent objects.
* Utilized Blazor to create dynamic and responsive user interfaces, enhancing the overall user experience.
* Boosted application modularity by utilizing Factory and Abstract Factory patterns with Dependency Injection in ASP.NET Core.
* Designed and developed rich and enhanced web pages using MVC 3.0, C, Entity Framework, JSON, HTML 5, CSS 3 and jQuery.
* Implemented abstract, sealed classes, interfaces, and classes to construct the business and data tier using C and Entity Framework.
* Successfully designed, implemented, and managed CI/CD pipelines using Jenkins, resulting in automated build, test, and deployment processes.
* Creating the data access layer, business logic layer classes using C# and .Net 4.0
* Integrated data from various sources into Blazor and .NET MAUI applications, ensuring real-time and synchronized information for end-users.
* Managed Agile projects using VSTS, facilitating effective sprint planning, backlog management, and release tracking.
* Performing design and development of Asp.Net 4.0 web application using C# and separate user interface logic from the business logic.
* Imported data from flat files to SQL server database using SSIS also used Azure for scaling and checking the reliability of the applications..
* Integrated CI/CD tools (Azure DevOps and GitHub Actions) with containerization tools (Docker, Kubernetes) to the legacy desktop applications.
* Implemented HTML Helper MVC Web Grid with jQuery for boosting the pagination performance and loaded the graphical data with JSON. Also supporting custom searching along with sorting the data with partial views.
* Extensively used Asynchronous JavaScript Calls to do data processing.
* Expertise in working with classic ASP for generating dynamic web pages.
* Experience in moving data between GCP and Azure.
* Build Data Pipeline in airflow in GCP for ETL related jobs using different airflow operators.
* Used cloud shell SDK in GCP to configure the services Data Proc, Storage, Big Query.
* Experience in using Version Control Tools and Source Controls Team Foundation Server (TFS), and GIT and issue tracking, project management tools like JIRA.
* Created WCF Service to retrieve and send information from client side without Post Back and consuming existing Web Services using SOAP, HTTP and WSDL.
* Developed user interface by using React JS, Flux for SPA development.
* Implemented react JS code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.
* Worked on .NET Security features such as Authentication Authorization, Forms-based Authentication, Authorizing Users, Roles and User Account Impersonation, tracing.
* Used SSRS for developing reports for analyzing the inflow and outflow of different documents and tickets.
* Used Bootstrap CSS model adaptability framework for styling the application.
* Developed ASP.NET Core Web API based on departmental requirements and specifications.
* hand-on experience in git source control repositories and build process, satisfactory, MS build and Maven, Gradle build tools.
* Written SQL Scripts, for creating database tables with foreign key relations in SQL Server using T-SQL.
* Designed and developed several SQL Server Stored Procedures, User defined Functions, Triggers and Views for all the DML functionality of the application.
* Completed an ISD Adapter for OpenPDC in C# that allows C37 syncrophasor streams to enter existing SCADA data streams
* Extensively used TFS Spring Templates and Maintained all the User Stories and Tasks in TFS.
* Participated in various Client meetings with the team and the Project manager to discuss improvements/amendments in the development of the application.

**Environment**: .Net Maui, MVC 5, Oracle, Azure, Dotnet Core 3.0, Net CORE, C#.Net, Restful API’s, Azure, OOPS principles, Angular 7, TypeScript, HTML, CSS, JavaScript, Entity Framework, Linq, MS SQL Server Management Studio, JIRA, Jenkin

**Client: SCIF, CA**  **Jun 2021– Dec 2022**

**Role: Sr. Net Developer**

**Responsibilities:**

* Involved in designing and developing multiple web applications using MVC 5.
* Employed the Factory Method pattern to simplify object creation and enhance code modularity.
* Integrated the Abstract Factory Method pattern to manage related product families without altering client code.
* Successfully deployed and maintained .NET applications on Linux servers, optimizing system performance and reliability.
* Built different objects with the help of Object-Oriented Programming principles using C#.Net.
* Designed UI screens using HTML, CSS, and JavaScript to create Responsive web pages.
* Involved in implementing components using Angular 6 with Typescript.
* Developed unit test cases using Jasmine & Karma.
* Developed application using MVC, Entity Framework and Restful services.
* Implemented Restful API’s using C#.Net. Integrated Jenkins with version control systems (e.g., Git, SVN) to automate the triggering of builds and deployments based on code changes.
* Consuming Rest API’s using Angular/Typescript.
* Developed the win forms and web applications for the Duplicate Detection toll using Asp.Net, C#, MVC 5 and .Net Core 4.7.0.
* Implemented Data Access Layer using Entity Framework to connect, retrieve and update the data from SQL server with the help of LINQ queries.
* Involved in working on Production Support issues and debugging the issues up to some extent.
* Created Azure Logic Apps to automate the workflow.
* Used Azure Service Bus for messaging across the system.
* Interacted with SQL Server Management Studio in fetching the required data using join queries.
* Involved in Agile Scrum methodology with everyday scrum meetings and by weekly sprint retrospective and sprint planning meetings.
* Using TFS for source code control and JIRA for issue tracking.
* Proficiently used VSTS for version control, including Git repositories, to manage source code efficiently and facilitate collaboration.

**Environment**: .Net Maui, Singleton, MVC 5, Dotnet Core 3.0, Net CORE, C#.Net, Restful API’s, Azure, OOPS principles, Angular 7, linux, Jenkin, TypeScript, HTML, CSS, JavaScript, Entity Framework, Linq, MS SQL Server Management Studio, JIRA, TFS.

**Client: Walmart, CA**   **May 2019– June 2021**

**Role: Sr. Net Developer**

**Responsibilities:**

* Involved in developing application from scratch using Angular 8, Typescript &amp, Rest API’s.
* Developed Rest API’s using Dot Net Framework 4.8 and Visual Studio 2018.
* Implemented application using different OOPS concepts with the help of C# programming language.
* As an MCPD-certified professional, dedicated to maintaining up-to-date knowledge and staying current with the latest Microsoft technologies and best practices.
* Attained Microsoft Certified Professional Developer (MCPD) certification, demonstrating expertise and proficiency in Microsoft technologies.
* Involved in creating different UI pages using HTML and PrimeNg components for the UI controls.
* Developed Single Page Application (SPA) with Angular components services, routing, DOM manipulation using TypeScript and Angular.
* Implemented functionality for saving and displaying large and complex SSRS reports.
* Used Entity Framework and LINQ to access the two databases so the user could create, edit, display, and delete data from the application’s UI.
* Created different SSRS reports using Report Builder to display different data based on the user selection criteria.
* Worked on Visual Studio 2017 / .Net CORE 4.6 Framework to implement Business Logic.
* Integrated SSRS reports with UI and displayed the SSRS reports on the UI.
* Developed different Rest API’s which performs different business operations and performs different actions such as HttpGet, HttpPost, HttpPut, HttpDelete.
* Involved in fixing different UAT/Production bug fixes.
* Involved in writing different SELECT &amp; JOIN queries in SQL Server to retrieve different sets of data.
* Created stored procedures and triggers in SQL to perform different operations.
* Involved interacting with Git to check in and fetch code from source repository by creating different branches and merging with the master branches.
* Utilized the Azure Devops for the CICD pipelines which automates the build and deployment process.
* Worked under Agile methodology with daily scrum, 2 weeks sprint along with sprint planning and sprint retrospective meetings every sprint.

**Environment**: .NET Framework 4.7.3, C#, Net CORE 4.6 Framework, Angular 8, Typescript, HTML5, CSS3, Node.js, Entity Framework 6.0, Microservices, Azure, MS SQL server 2017, Web API, GitFlow, Visual Studio 2019, Visual Studio Code.MCPD

**Client: Oracle, Hyderabad**  **Sep 2015 – Feb 2019**

**Role: Sr. Net Developer**

**Responsibilities:**

* Involve Gathered requirements for the existing application and analyzed the possibilities of any

enhancements that could be accommodated into the new application.

* Integrated multiple systems and combined into one platform.
* Developed ASP. Net Web API controllers that involved in implementation of service layer components and data object layer components using ASP. Net MVC web application.
* Created and utilized Web API methods for database operations (CRUD) through Entity Framework.
* Used custom error handling in Web API to pass proper error message rather than generic error message to better understand the error.
* Designed the complete front-end of the application using Angular 7.
* Implemented HTTP interceptors in the application to utilize the URLs and store the key values in cache storage.
* Implemented the client-side cache using local storage by intercepting the API calls from the application.
* Managed the complete Exception handling in the client side using the error handler provided by the Angular framework.
* Used Bootstrap to achieve the responsiveness of the application.
* Used Angular Material for all the elements to achieve the material themed look and feel of the application.
* Created Azure Web Application projects, updated and deployed ASP.NET Web apps, Web Jobs using visual studio, GitHub and Azure Resource Manager.
* Able to provide solutions for UI elements that need to be available globally.
* Implemented pipes to provide custom filters throughout the application.
* Involved in Database Design and responsible for writing Complex Queries, Stored Procedures, User Defined Functions, Views, and Triggers using PL/SQL.
* Expertise in designing SSIS Packages to transfer data from flat files to SQL Server using Business

Intelligence Development Studio.

* Created SSIS packages for importing data from various data files/excel to the data source.
* Developed the Business Logic layer for different features in the application.
* Performed Unit Testing, Integration Testing and System Acceptance Testing using tools like N-Unit and Visual Studio.
* Committed to keeping MCPD certification up to date by meeting renewal requirements and participating in ongoing training.
* Worked on different tools like BitBucket, SourceTree and GitFlow for managing the source code.

**Environment**: .NET Framework 4.7.1,MCPD,

C#, Angular 7, Typescript, HTML5, CSS3, Node.js, Entity Framework 6.0, Microservices, Azure, MS SQL server 2017, Web API, BitBucket, Source Tree, GitFlow, Visual Studio 2019, Visual Studio Code.

**Tekismarg, Hyderabad**   **Jun 2014 – Sep 2015**

**Role: .Net developer**

**Responsibilities:**

* Involved in the Design, Coding and Implementation using Visual Studios 2005.
* Wrote use cases, sequence and flow diagrams.
* Developed RESTful APIs and web services on Linux using .NET, enabling efficient data exchange and integration with other systems
* Responsible for designing database, modifying designs from legacy system.
* Implemented validation using validation server controls and JavaScript.
* Extensively worked with C#. NET for creating classes of this application and Integrated with ASP. NET pages.
* Configured and implemented. NET Class Framework environment along with application.
* Wrote database components to access Database using ADO. NET.
* Involved in developing XML web services to implement the functionality.
* Wrote Listener Service Component to import data from the external file.
* Created Stored Procedures and triggers to perform automated rules, updating to related tables in Ms SQL Server along with creating tables, views, indexes and relations.
* Created Jobs and DTS packages.

**Environment:** ASP. NET, C#. NET, ADO. NET, SQL Server 2005, Web Services, Crystal Reports, Source Offsite and JavaScript, Linux.