#### Venkateshwar Reddy

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**PROFESSIONAL SUMMARY:**

* 8+ years of extensive experience in all phases of Software Development Life Cycle (SDLC), involved in studying **user requirements, Analysis, Design, coding, Development, implementation, debugging, Testing, deployment and documentation** of Client-Server and Web-based n-tier Architecture for **windows and web applications** with exposure to diverse business domains.
* Experience in both **Agile Software Development** methodology and **SCRUM** frameworks.
* Experience in all phases of **Software Development Life Cycle (SDLC)**, concept to full implementation, and software design life cycle management implementation with Agile Methodologies.
* Hands on experience with **Microsoft .Net Framework, Entity Framework** developing **Win Forms, Web Services, Win Services, Web Pages** using **ASP, ASP.Net, VB.Net, VB Script, C#.Net, Master pages, ADO.NET, JavaScript JQuery, AngularJS, CSS, HTML, DHTML, XML,XSLT, Silverlight, LINQ, Ajax, Share point** and **SSRS.**
* Hands on experience in developing three tier/N-Tier architectures and implementing OOPS concepts.
* Extensive experience in front-end development, working on user interface applications and professional web applications using **HTML5, CSS3**, **AngularJS**, **JQuery**, **JavaScript**,**JSON**, **Ajax** and **XML**.
* Experience in Web Technologies like **HTML5, CSS3, DHTML, XHTML, JavaScript, VBScript, JQuery, XML, XSLT, XSD, AngularJS, BackboneJS, NodeJS, Bootstrap** which follows W3C Web Standards and browser compatible.
* Created and maintained **MS Azure Cloud Infrastructure** and Virtual Network between **MS Azure Cloud** and On-premise network for backend communication to setup, maintain and manage **VMs in Azure IaaS** model.
* Working experience in **Azure** App & **Cloud Services**, PaaS, PolyBase, **Azure Data Factory, Azure SQL Data Warehouse, Power BI, Azure Blob Storage, Web API**, **PowerShell**, VM creation, ARM Templates, Power Shell scripts, IaaS, Lift & Shift, storage, network and database.
* Experience in **SOA** using **Web Services, WCF Services, WEB-API and Restful Services, Windows Services**.
* Expertise in building **Web Services** using **WSDL, UDDI, SOAP** protocols and publishing **Web Services**.
* Good Knowledge on **ORM, IOC**, **Dependency Injection**& N-Tier Architecture.
* Extensively worked on Silverlightanimation including dependency property usage and creation, Data Binding and alternatives in Storyboard implementation for better Performance in Client browser and procedures.
* Expertise in Data Analysis, Mapping and Manipulation to handle data migration and integration projects.
* Extensively worked on windows presentation foundationwhich provides developers with a unified programming model for building rich Windows smart client user experiences that incorporate UI and documents in Windows using **XAML**.
* Solid work experience in Design and Development of Web Applications using the **Model View Controller (MVC)** architectureand **Entity Framework Code First**.
* Experience in using Windows Communication Foundation in a self-hosting mechanism, implementing the Service-Oriented Architecture using the REST methodology to SOAP messages between metadata endpoints, extensively worked on WCF RIA Services.
* Extensively used **LINQ to SQL, LINQ to XML and LINQ to Objects** for retrieving the data efficiently.
* Experience with **AJAX Control Toolkit** and XML Http request object, which is the heart of **AJAX** in providing asynchronous Post back.
* Designed and implemented applications using **ADO.NET** objects like **Dataset, Data Reader, Data Table** and **Data Adapter** for manipulating, retrieving, storing and displaying data from SQL Server.
* Extensive experience in applying**Object Oriented Analysis and Design (OOAD)** for modeling a system.
* Experience in **SQL** Server and **SSIS** (Integration Service) package design, constructing, and deployment.
* Solid experience in SQL server performance tuning, storage, index and configuration.
* **RDBMS** Experience in Database Design and Development, Writing Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers, and user defined Functions using **SQL Server** and **Oracle (10g/9i).**
* Good understanding of designing **Business Models using UML** (Class, ER, Use Cases, Scenarios, Sequence diagrams, Flow Charts etc.) with the help of MS Visio 2010 and Rational Rose.
* Experienced in using Configuration Management, setting up company Version policies, build schedule using **Team Foundation Server** and **Visual Source Safe (VSS).**
* Familiar with various coding standards and experienced in developing under **CMMI** Level 5 procedures.
* Hands on experience in developed programs including **Unit testing** with**NUnit** for ASP.NET Web forms.
* Excellent analytical, communication, decision making and well-motivated to rapidly acquire new skills.

**TECHNICAL SKILLS:**

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| **.NET Technologies** | ASP.NET, ASP.NET MVC4/5, Entity Framework 5/6, WEB API, ADO.NET, AJAX, Classic ASP, LINQ, WCF, WPF, SILVERLIGHT |
| **Languages** | C# .NET, VB.NET, VB, C, C++, PL/SQL, T-SQL |
| **Web Technologies** | HTML, HTML5, DHTML, XML, XSLT, XSD, WSDL, XAML, SOAP, BOOTSRAP, CSS, CSS3, JSON, Web forms, Web Services, POWERSHELL |
| **Scripting Languages** | JavaScript, JQuery, knockout JS, Node JS, VB Script, Angular.JS, Python, PHP |
| **DBMS** | SQL SERVER 2014/2012/2008/2005/2000, Oracle11g/10g/9i/8i, IBM DB2, MS Access |
| **Framework** | Microsoft.Net 1.X/2.0/3.0/3.5/4.0/4.5 |
| **Operating Systems** | Win NT, Win 95/98, Win-2000/2003/2008/2010, Windows Vista, OSX, Unix |
| **IDE Tools** | Visual Studio 2003/05/08/10/12/13/15, Code Plex |
| **Web Servers** | IIS 5.0/6.0/6.5/7.0 |
| **Reporting Tools** | SSRS, SSIS, Crystal Reports 7.0/9.0, Power Bi |
| **Version Control** | Visual Source Safe 6.0, Team Foundation Server, SVN, GIT |
| **Cloud Platforms** | Microsoft Azure, Office 365, AWS |
| **Software Methodologies** | Agile SCRUM, Agile RUP, Waterfall |
| **Design Technique** | UML |
| **Others** | LINQ to SQL, Enterprise Library, Infragistics, Telerik |

**PROFESSIONAL EXPERIENCE:**

**Flagstar Bank, Troy, MI Sep 2015 – Till date**

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

**Descriptio**n: Participated in the development of a paperless web-based document tracking and management system for department specializing in home mortgage loans. Responsible for both front end and back end development. HTML5, JavaScript/JQuery, and AngularJS were used on the front end. Implemented backend rules and logic using Entity Framework Code First approach. SCRUM (Agile Development) was the methodology used for the development of this product. .Net Framework 4.5 was used for development.

**Responsibilities:**

* Involved in Requirements Gathering, interacted with the end users, understanding the project requirements, work requests and analysis with knowledge sharing sessions.
* Used **AGILE** methodologies to deliver the High-quality application**.**
* Highly involved in requirements gathering and application design meetings to finalize the requirements.
* Implemented security using **forms-based** security and **windows-based authentication.**
* Developed custom **AngularJSdirectives** by specifying the html **elements** or **attributes**.
* Implemented **AngularJS routing** by using **route Provider** service to link between views and controllers.
* Designed and implemented **KnockoutJS** to **AngularJS** migration refactor for version 2.
* Implemented client-side data-binding using **KnockoutJS.**
* Designed and developed custom **Angular Factory services** to call a **web API** to retrieve data.
* Used **JQuery** and **AJAX** to make asynchronous calls to the server that can be processed by MVC controllers.
* Used **MVC5** newfeatureto enable **Attribute Based Routing** to gain URLs control.
* Extensively used **Twitter Bootstrap, Kendo UI** and **jQuerychaining** to make UI design more dynamic.
* Designed and developed **Sitecore** Templates, Layouts, Controller Rendering, View Rendering, Sub Layouts for both Sitecore MVC and Webforms.
* Designing and implementing a series of PowerShell workflows and scripts.   
  Implemented suite of Powershell Scripts to find bugs in look-up table implementation.
* Designed and developed views for various pages using **Razor** Syntax.
* Involved in automation using **Coded UI** C# automation tool.
* Used **Entity Framework** code first extensively to add migrations and to update database.
* Implemented object oriented **SOLID** design principle patterns like **Creational** and **Structural** to make classes more loosely coupled.
* Designed **Interfaces** to expose CRUD operations for implementation in Classes.
* Designed and developed **ViewModels** to bind data from more than one model.
* Used **AutoMapper** to map **ViewModels** to DTO’s and DTO’s to entities.
* Used **Fluent Validation** for building custom validation rules to validate the View Models.
* Used **Structure Map** to do **Dependency Injection** of the Services and Domain Layer.
* Worked on application using **MVC** and **Kendo UI**.
* Constructed a **RESTful** web service that returns JSON data with **Entity Framework** and **Web API**.
* Used **Custom Headers** to prevent **Cross-site Scripting**attacks.
* Used **Jira** extensively to log all issues and track development status.
* Used **GIT** extensively to maintain source code repositories.
* **Jenkins** server is used for building and publishing code to staging and production environments.
* Effective understanding of **Oauth authentication**, interact with protected data and bi-directional access automatically in web applications.
* Designed and developed unit and integration tests using **NUnit** and **MOQ** framework to test the individual pieces of the functionality.

**Environment: ASP.NET MVC 5, WPF, C#, Sitecore 7.1/6.5, Entity Framework 6 Code First, Web API, Twitter Bootstrap, Kendo UI, Fluent Validations, Structure Map, LINQ, JQuery, Powershell, AngularJS, AutoMapper, KnockoutJS, HTML5, SQL Server 2014, T-SQL, Rest, Soap, Kendo UI, IIS 8.0, Coded UI, TDD, NUnit, MOQ, TIDAL, Resharper, GIT, Jenkins.**

**UPS, Alpharetta, GA Nov 2014 – Aug 2015**

**Role: .Net Full Stack Developer**

**Description:** This framework application has a volume of 35 million transactions per day with a 200% volume growth over the past 4 years. The application consists of over 30 distinct functional applications utilizing ASP .Net MVC4, .Net Framework 4 for DI and C# as DAO. The tools and web services included in this project were Ship, Rating, Tracking, Time in Transit, Delivery Change Request, Paperless Document API, Address Validation, Street Level Address Validation, Freight Ship, Freight Pick Up, Small Package Pick Up and so on. Designed and developed Address Validation Software Development Kit for International Address Validation which includes – European Union, China, Japan, South Korea, India, Australia, Brazil, Argentina, Mexico, Canada and UK. AVSDK is an inline jar consumed by several internal UPS Clients like Campus Shipment, Open Account Engine and others. AVSDK accepts address validation inputs from clients and forwards it to CTM (Corporate Town Master) component. AVSDK analyses the results from CTM, further carries out validation on the results, filters it and sends back response to requesting clients.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Involved in developing front end using **HTML 5, Bootstrap**, **Kendo UI**and **CSS3** for desktop as well as tablet view.
* Developed Client side code using **AngularJS, Node JS**, **JQuery** and **JavaScript**.
* Easily authenticated users to obtain access tokens by using AAD authentication libraries for .NET, JavaScript.
* Experience on **Telerik** and **Kendo** Controls for Dropdowns, Grids and Progress bars.
* Involved in integrating  **Sitecore 6.0** for templates, layout, control rendering, placeholder and content.
* Worked on razor pages in **ASP.NET 4.5** web applicationwhich is in **MVC 4** architecture using C# as code behindand back end in SQL Server 2012.
* Implemented best design patterns such as **n-tier, MVVM, Repository, Singleton** for designing key reusable components.
* Extensively worked on **WCF** and **Web Services** to provide **SOA architecture** and configuration based activation applications on **SOAP** and **REST** protocols.
* Created and consumed Rest full **API’**s using **MVC4** Web API’s.
* Implemented authentication for **NOSQL DB** through Cassandra connector scripts for enabling the scripts.
* Involved on migrating SQL Server databases to **SQL Azure Database** using SQL Azure Migration Wizard.
* Created Jobs, Packages, and Reporting Services (**SSRS**), Integration Services (**SSIS**) on SQL Server Database.
* Involved in writing **PL-SQL Stored Procedures**, **Functions** and **Packages** to meet the business requirements.
* Involved in developing packages for data loading and extraction using **SSIS**, **C#** and scheduled packages.
* Extensively worked with **Team Foundation Source Control (TFS)**as the source for version control and project management.
* Experience in service implementation on Windows **Azure Platform.**
* Used **AAD Graph API** to programmatically access Azure Active Directory through REST API endpoints.
* Created and maintained web content and email templates relating to**Amazon Web Services**.
* Plugin development for Microsoft Outlook 2007 to import data to existing web based System.
* Worked on **MVC test Project** to create automated test for simple test cases and for input validation.
* Performed **unit testing** with the tool **NUnit** and involved in Unit test case, code review checklist preparation and validation.

**Environment: ASP.NET 4.0/4.5, C#.Net, ASP.NET 4.5 MVC4, AngularJS, JavaScript, KendoUI, JQuery, CSS, Sitecore, HTML, Azure, IIS 7.5, Web API, TFS, SQL server 2008, Microsoft Visual Studio 2013/2010, MVC 4.0, WCF RESTFUL Service API, ASP.NET, C, XML, JSON, JQuery, Linq, NUnit, NMock, IIS 7.0, AJAX, ADO.NET entity Framework 6.0, Microsoft Enterprise Library, Log4Net, NUNIT, Oracle11g, SQL Server 2008, VSTS, Oracle 10g, Windows Server 2008 R2/2008.**

**BJC HealthCare, St. Louis, Missouri. June 2013 –Oct 2014**

**Role: .Net Developer**

**Description:** BJC HealthCare is a non-profit health care organization based in St. Louis, Missouri. This project was initiation of BIG DATA implementation for BJC HealthCare. Data Services provided common platform for all the healthcare applications like HIS, Monitoring, and various kinds of EMR/EHR. Data Services played key role in defining the data model adhering to the FHIR standards and provided REST based web services for interacting with the defined data mode.

**Responsibilities:**

* Developed application using **ASP.NET MVC4** framework.
* Created application **using HTML, AngularJS, Bootstrap** for responsive design.
* Developed using **CSS3, C#, JAVASCRIPT, JQUERY**.
* Developed User Interface in **Razor Views**
* Used **Cascading Style Sheets (CSS)** and **JavaScript.**
* Used **Master pages, User controls, Custom controls** to suit user’s needs.
* Used User Control, **Ajax Toolkit** to develop the application.
* Developed Business logic layer using **ASP.Net** with **C#** under Visual Studio
* Developed module which deals with validating user, changing passwords and searching of information depending upon priority of user in site using ASP.NET.
* Used **Team Foundation Server (TFS)** for Version Control.
* Designed and Developed **Web Forms** using **ASP.NET, C#, XML, XSLT**.
* Developed Entity framework based database access layer using **ADO.Net and Entity Framework.**
* Have developed **WCF AND RESTful Services by using C# and Web API**
* Created **Web Service** in ASP.Net to serialize XML data over HTTP; where the third party uses XML for the query and transferring the data.
* Successfully designed and implemented XML API dealer information, order processing with **ASP.NET Web API / REST Services** (secured over https)**.**
* Project Data importing/exporting using serialization/de-serialization
* **﻿﻿**Implemented business logic/rules using **WCF services** and integrated with the UI components.
* Designed and developed business components and data components using **C# and ADO.NET.**
* ﻿Written stored procedures, triggers using **T-SQL** for data access from **SQL Server 2008 R2**.
* Generated reports using the **SQL Server Reporting services (SSRS).**
* Publishing the web site on **IIS** server.
* Performed unit testing and functional testing using **NUnit**.

**Environment: Visual Studio 2012 C#, AngularJS, Bootstrap, ASP.NET 4.5, WCF, JavaScript, JQuery, MVC 4, HTML5, CSS3, Entity Framework, IIS 7.5, AJAX, XML, SQL Server 2008, Windows 7, Team Foundation Server.**

**Client: Goldman Sachs, NY  Feb 2011 – May 2013**

**Role: .Net Developer**

**Description:** Goldman Sachs Execution and Clearance (GSEC) Risk technology team is responsible for developing systems for monitoring and managing portfolio risk of the prime brokerage clients in the margin lending business. These provide coverage for both intraday risk/pnl using real-time trades and EOD portfolio level risk.

**Responsibilities**:

* Involved in Requirement Analysis and Design of the system.
* Followed Factory Method design pattern in implementing the framework.
* Extensively used **OO Design** to develop Analysis model and Design model.
* Implemented **Web Forms**using **ASP.NET** Controls**, CSS** and **HTML** to facilitate the users.
* Involved in UI Designing, Development and Testing of Web Forms using **ASP.NET, Vb.NET, XML/XSD ADO.NET** and **.NET Framework.**
* Extensively involved in **Data Access Layer** and **Business Logic Layer** using **VB.net** programming.
* Used the Trace and Debug capabilities of **VB.net.**
* Used ADO.Net components such as **Datasets, Data Reader, Data View** and **Data Table**.
* Involved in Database Design by using Normalization techniques.
* Involved in **designing procedures, views** in **Oracle 9i** for data functionalities.
* Extensive use of **Web Services, SOAP, XML, XSL** to expose the reports to facilitate information sharing.
* Involved version control using **VSS- 6.0.**
* Developed **XML Web Services**& integrated with different systems.
* Configured **global.asax**and **web. Config**for setting the Application and Session variables.
* Created **ActiveX** tasks to create file, edit text source file, to change DTS task properties dynamically and to edit and map column dynamically.
* Transformed **XML/XSD** files into specified business format (PDF, MS-Word) using **XSLT**.
* Involved in manual testing, prepared Unit Test Cases and Unit test plan and performed Unit testing for the Developed functionalities.
* Responsible for upgrading the changes like error handling, bug-fixing from timely basis.

**Environment: MS Visual Studio 2005, VB.net, .NET (2.0) Framework Asp.Net, ADO.Net, Oracle, HTML, T-SQL, CSS, DTS, AJAX, NUnit, VSS, Web services, SOAP, XML, JavaScript, Windows 2003 Server, UNIX.**

**AMR Capital Trading, NY   Nov 2009 – Jan 2011**

**Role: .Net Developer**

**Description:** AMR Capital Trading is a privately held securities trading company with around 300 day traders dealing in listed equities, bonds, futures and commodities. The trading system used by AMR was missing Indications and Imbalance functionality. The project involved development of Order Indications/Imbalance UI framework using market data from Goldman Sachs.

**Responsibilities:**

* Followed Scrum methodology with a sprint of 2 weeks. Involved in daily stand-up meetings.
* Extensively involved in development of .NET 2.0 MVC Application using **C#, ASP.NET, ADO.NET, AJAX, Web Services and SQL Server 2005.**
* Developed views using **Razor, CSHTML, JQuery, Ajax, HTML** and **CSS.**
* Used extensively **JQuery** for client side validations. Used **JQuery grid control**.
* Used **Angular JS** and **NodeJS** for making Restful API calls and data binding and worked with Web API for building RESTful applications on the .Net Framework.
* Wrote application using **Web API** to talk to external applications and involved in writing small ASP.NET Web Forms applications with **VB.NET**, C# as programming languages.
* Implemented MVC validation at Controller level
* Involved in writing custom management application which allows hotel users to setup their environment.
* Created Silverlight Web Objects for an Interactive UI.
* Added animations during page transitions using **Silverlight.**
* Created Silverlight applications for interactive, Web-based data visualization using XAML in **Visual Studio 2008.**
* Involved in re-architecting the application with a cloud concept and moved few properties into this architecture which was a tremendous success.
* Created and consumed **WCF RESTFUL services**. Tested services using SOAP UI and Web Service Studio.
* Used ADO.NET extensively for retrieving, querying, storage, and data manipulation for achieving continuous database connectivity.
* Created SSIS to scrub the data from AS400 and load that into Excel or text files and upload those files using front end application.
* Used **GIT, JIRA** for Source Control and Version Management.
* Used **MS Test** as a Unit testing framework before making a check-in.
* Used **COM interoperability** for interaction between COM objects and .NET objects.
* Used SQL Server as backend database and worked in modifying, writing new stored procedures, views and user defined functions.
* Wrote **Powershell** scripts for deploying code and registering OCX, DLL, etc.
* Used **SVN tortoise** tool for version controlling and sued it as a document collaboration tool too.
* Used Quality Center as a defect tracking tool and followed defect life cycle as per QA team.

**Environment: Visual Studio 2012, ASP.NET, VB6, VB.NET, C#, ADO .NET, WPF, XAML, MVVM ,Web API, WCF, MVP, Multithreading, HTML , CSS, XML, AJAX, Java Script, RESTFUL Services, SQL Server 2008, SOAP UI, Web Service Studio, SVN, Agile/Scrum, Powershell, Quality Center, Windows Server 2012.\**

**Brij Technique Pvt. Ltd., India May 2008 –Oct 2009**

**Role: Web Developer**

**Description:**Brij Technology is a software consultancy company, which take the project from different clients and deliver the same

**Responsibilities:**

* Analysis of the specifications provided by the clients.
* Involved in Requirement gathering, Functional and technical specification.
* Coding and debugging using **ASP.NET** and **C#.NET**
* Developed Web Forms Using **ASP.NET**
* Used N-tie r architecture for presentation layer, the Business and Data Access Layers and were coded using **C#.**
* Developed Web forms using **ASP.Net** server controls and validated input using Java Script.
* Used **ADO.Net** objects such as DataAdapter, DataReader and DataSet for consistent data access.
* Used Data Transformation Services to import the data in SQL server from heterogeneous data sources like excel Access and Oracle.
* Improved the application performance using **stored procedures** and connection pooling and Memory management
* Creating Reports using the Crystal Report for the reports needed by Middle Office, Back Office users.
* Used **Java Script** for validating client side data entry web screens.
* Developed Custom User Controls to reduce the Complexity in User Interface Coding and provide better look and feel.
* Identified, researched, investigated, analyzed, defined and documented business processes.
* Involved in Enhancing the Business Layer to provide more interfaces and functions needed for the system
* Used a hybrid of waterfall and incremental as the **SDLC**.

**Environment: .NET Framework 2.0, ASP.NET, Web Services, SOAP Messages, C#. NET, Visual Studio, .NET 2003, JavaScript, VSS 6.0, IIS 6.0, HTML, DHTML, Crystal Reports, SQL Server 2000.**