**MANOJ N**

**PROFESSIONAL SUMMARY:**

* Proficient with 7+ years of experience in IT industry with expertise in Microsoft Technologies. Highly skilled in various parts of development like Analysis, Design, Development, Implementation and Testing of Web Based, Client-Server and N-tier Architectures using .NET Framework.
* A senior VB.NET SQL Server/Oracle professional with extensive experience across numerous industries. Developed specialized programs and algorithms that enhance user's ability to analyze data and create complex reports. Proficient in application development, high-throughput scientific and retail data capture, statistics, quality control and business analysis.
* Creating applications using VB.NET and enhancing projects for .NET applications
* Working knowledge of ASP.NET MVC pattern: Controller Actions, View Engine, HTML Helper methods, Entity Framework Model.
* **Telerik Rad Controls** for ASP.NET AJAX is a complete toolset for building Web solutions with the UI richness and responsiveness of desktop applications
* Extensive use of the 3rd party .Net controls like the **Infragistics and Telerik.**
* Implemented the dual list box functionality using the **Telerik's RadList** in order to list the available items and selected items
* Strong working experience with Technologies **.NET Framework (2.0/3.0/3.5/4.0/4.5), ASP.NET, ASP.NET MVC, C#.Net,** VB.NET, Web Services, WCF, WPF, LINQ, Entity Framework, **IIS, SOAP, XML, DOM, XSL, XSLT, HTML,** Java Script, Visual Studio.Net 2013/2012/2010/2008, **AJAX**, **ADO.Net.**
* Experience on working with Windows Communication Foundation **(WCF).**
* Hands on experience in implementing **Object Oriented Programming** **(OOPS)** concepts like Class, Objet, Inheritance and Polymorphism; implemented Design patterns like **MVVM, Abstract factory, Singleton.**
* Developed **ASP.NET MVC 4.5** applications using Entity Framework and UI in **Razo**r **View Engine** and also have experience with the **MVC Architecture**.
* Proficient in OOAD with strong OOP (Object Oriented Analysis, Design and Programming) skills
* Experience in using **ASP.NET AJAX framework** for quickly creating efficient and interactive Web applications that work across all popular browsers.
* Designed the complex front-end applications, user interactive (UI) web pages using advanced **JS frameworks like Angular JS**. Involved in building a rich web experiences using HTML5/CSS/bootstrap and JavaScript. Also Redesign the websites Using technologies of HTML5 and CSS3.
* Experienced with Microsoft Application building blocks for **.**Net projects (Data Access, Exception Handling, Caching and Configuration Management Application Blocks).
* Experienced in Service Oriented Architecture **[SOA]** using Windows communication foundation.
* Expertise in creating web based application-using technologies like **Classic ASP, AJAX Toolkit, JavaScript, XML, HTML and DHTML.**
* Worked extensively with **ADO.NET** objects such as Data Adapter, Dataset, and Data Reader to interact with databases like **SQL Server 2008/2005.**
* Experience in database related work primarily creating complex stored procedure, DTS packages, Views, Triggers, Functions, using **PL/SQL, T-SQL.**
* Experience in creating and scheduling the SQL Server agent jobs to pull the data from different data sources using **SSIS** **packages** and link servers.
* Experience in **authentication** mechanisms like windows live, Windows-based Authentication, Forms-based Authentication and also in Authorizing **Users** and **Roles**.
* Experience with Reporting Tools SQL **Server Integration Services (SSIS**), **Server Reporting Services** **(SSRS)**.
* Experienced in Configuration Management, setting up company Version policies, build schedule using **(TFS)** **Team Foundation Server** 2010 and **Visual Source Safe** **(VSS)**, Perforce.
* Experience in deploying, configuring and maintaining the web sites and services on IIS 6.0 IIS 7.0 with and without secured socket layer.
* Good working Experience on **Maintaining and monitoring Deployments**, Creating Deploying profiles and maintaining servers.
* Extensive working experience in **unit testing framework** **– NUNIT**.
* Proficient with Software Development Life Cycle **(SDLC)** and **Agile** **methodologies** of development.

**Education:**

Bachelor of Technology in Computer Science from JNTU, India

**TECHNICAL EXPERTISE:**

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| **Web Development** | **Angular JS**, **AJAX,** X Path, X Query, HTML/DHTML, , J Query, JSON, VB Script, JavaScript, CSS, XML, ASP.NET, ASP.NET MVC, ASP, IIS |
| **.NET Technologies** | Microsoft .NET Framework, C#, VB.NET, ASP.NET, ASP, ADO.NET, HTML5, XML Web Services, Telerik Rad controls, Win Forms, Web Forms, SOAP, WSDL, UDDI, Entity Framework,.NET Remoting, COM/COM+ Interoperability, N Unit, WCF |
| **Web Servers** | IIS 7.5/7.0/6.0/5.0 |
| **Database Technologies** | SQL Server 2012/2008/2005, Oracle 11g/10g/9i/8i, MS Access and MySQL |
| **Programming Languages** | VB.NET ,C#, ASP.NET, ADO.NET, JAVA, XML, HTML5, XSL, XSLT, C, C++ |
| **Development Tools** | Visual Studio .NET, Visual Source Safe, Microsoft Visio, Microsoft Team Foundation Server, Rational Rose, UML, Microsoft Office Visio, Toad, SSRS |

**PROFESSIONAL EXPERIENCE:**

**Philadelphia Insurance, Philadelphia, PA Jan'15 – Till Date Senior VB .NET Developer**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including gathering Requirements, Analysis, Design, Implementation and Testing using AGILE-SCRUM Methodology.
* **Building SSRS and CRL routines to generate sample processing reports.**
* **Developing WEB interfaces to modify database data (VB.NET/C#.NET).**
* **Writing Windows Forms applications for automated maintenance of database tables according to client requirements (VB.NET).**
* **business requirements analysis and data modeling**
* **Designed object Performed relation diagrams, process flow diagram and objects modeling**
* **Worked with the team of coding and handled coding of batch process operation**
* **Created the triggers, functions and stored procedures**
* **Implemented changes in coding and designs using knowledge of VB .NET**
* Conducted release testing, bug verification and software testing
* Worked and enhanced the flow of internal applications
* Designed the web UI using, ASP.NET, HTML, DHTML, XSL/XSLT, JavaScript, CSS, Web Forms, J Query and AJAX controls Supporting middle tier business logic and data access layers.
* Developed web pages using MVC5, C#, JQuery, AngularJS, Ajax, HTML5, and CSS3.
* Created Custom directives/Controller/Services in Angular.
* Created WPF web services for implementing business logic**.**
* Followed Test driven design as the development methodology.
* Used **Jasmine over Karma** to write Unit tests for front-end code.
* Used **bootstrap3** to style the pages.
* **Telerik RadControls** for ASP.NET AJAX is a complete toolset for building Web solutions with the UI richness and responsiveness of desktop applications
* **ASP.Net** Web Forms User Interface design and development using **Telerik Rad Controls**, ASP.Net Web Controls, User Controls and Custom Components.
* Use of **Telerik Rad Controls** to implement the drag and drop functionality of a row within a grid using Telerik's radgrid
* Used **JQuery Script libraries** & **Jquery UI controls** for multi browser support & end user experience.
* Developed Reports used with **SQL Server Reporting** **Services (SSRS).**
* Used Execution Plan, SQL Profiler and Database Engine Tuning Advisor to optimize queries and enhance the performance of databases.
* Experience with Iterative or **Agile** rapid delivery process.
* Participate in code reviews, planning sessions and daily status stand-ups.
* Used TFS for configuration management. **Integrated TFS** with **Visual Studio**.
* Created User Controls, Custom controls, Data Access Layer, Business Logic Layer classes using C# and .Net 4.0 for web pages N-tier/distributed application development using web services.
* Migrated code across environments.
* Demonstrated experience with **REST full services**, **WCF** and other Web Services technologies (WSDL, SOAP, etc.), **JSON, XML, XSL,** and serialization.
* Worked with **ASP.NET** **Web Forms**, State Management, caching features, configuring optimizations and securing the web application.
* Involved in writing Stored Procedures and Functions, Cursors to handle **database automation** tasks.
* Written Stored Procedures in **SQL Server 2008** used ADO.NET and Grid View, Data List, Details view, Repeaters, Dataset Classes for data manipulation.
* Created and maintained database objects like complex Stored Procedures, Triggers, Cursors, and Tables, Views and SQL Joins.
* Worked Extensively with Query Optimization Techniques to Fetch Data with better Performance Tuning.

**Environment:** Visual Studio 2012/2013, .NET 4/4.5, VB.NET, ASP.NET, C#.NET, VB.NET, Web services, Telerik Rad controls Windows Services, WCF, AJAX, LINQ, SQL Server 2008, JQuery, TFS, IIS 7.5, HTML 5, HP Quality Center, Windows Server 2008

**Amway, Ada, MI Jul'13 - Dec’14 Senior VB.Net Developer**

**Responsibilities:**

* Involved in gathering the requirements, analysis, design & development of the project along with testing.
* Developed **Agile Software Development** methodologies to enable efficient and effective high-quality software development.
* **Building SSRS and CRL routines to generate sample processing reports.**
* **Developing WEB interfaces to modify database data (VB.NET/C#.NET).**
* **Writing Windows Forms applications for automated maintenance of database tables according to client requirements (VB.NET).**
* Designed presentation layer using **ASP.NET Web Server controls, HTML Controls, HTML, Cascading Style Sheet, JavaScript and AJAX.**
* Extensively used Master Pages and Themes to have a uniform look and feel for the entire web site.
* Extensively used **Grid views** for presenting data to the user
* Created Html Helpers in order to reduce the amount of tedious typing of **HTML tags**.
* Used **Entity Framework** Code First approach for the Data Access Layer for the **ASP.NET MVC 4.5**
* application using **HTML5** and **Angular JS**.
* **J Query, Bootstrap**, and Web API and SPA Application using **Angular.js**.
* Involved in development of **Web Forms**, classes using **ASP.NET** that incorporates both N-Tier Architecture, and Database Connectivity.
* Implemented Server and Client side validations using **ASP.NET** validation controls and **JavaScript**.
* Used **Angular JS** to create extensions and custom directives.
* Modified Web Services to interact with the other applications and exposed them using SOAP and HTTP.
* Used **WCF** for developing and deploying services on windows in line with the Service Oriented Architecture **(SOA).**
* To persist and transfer data between pages Session State, View State, Cookies and Query Strings were used.
* Used **LINQ** to build set of operations, parameters and expression during execution a set of data from SQL Server.
* Created Integration Services **SSIS** **package** to import raw data from MS Excel to the SQL Server.
* Used **Team Foundation Server** **(TFS)** for Version Control, Team build, Project Management, Data Collection and Reporting.
* Extensively involved in developing components for Business Layer and Data Layer.
* Used Validation controls to validate the input Data using Validation Controls (like Required Field, Range, Custom and Compare Validators).
* Developed many **T-SQL** queries to fetch data as per the business requirements with proper tuning techniques.
* Enhanced the applications performance by constantly monitoring the queries by running Execution plans and query optimization techniques in SQL server.
* Created and deployed Web Services using **ASP.NET, SOAP** and **XML** for Pulling Customer Service Records.
* Involved in the **Unit and Integration testing.**
* Worked with testing team to fix the bugs as part of Bug life cycle and Production support.

**Environment**: .Net Framework 4.0, C#.Net, ,VB.NET MVC, Visual Studio 2012, ASP.NET 4.0, JavaScript, AJAX, J Query, Entity Framework 5.0, HTML 5, WCF, IIS, XML, SOAP, Oracle, LINQ, TFS.

**Cigna, Windsor, CT Feb '12 - Jun’13**

**VB.Net Developer**

**Responsibilities:**

* Involved in Presentation Layer, Business Logic and Data Accessing Layer of the web Application.
* Developed internet applications using **HTML, CSS, JavaScript, IIS,** and **XML.**
* Created **WPF web services** for implementing business logic.
* Deployed applications into test and production environments by using web server (IIS).
* Designed database in **SQL**, created stored procedures, functions, views, Cursors, and done Indexing to reduce complexity of front-end **SQL** queries and triggers to enforce entity relationships.
* Application was developed using the Model View Control4 **(MVC)** architecture that gives a clear separation of representation of information from the user's interaction with it.
* Developed and Enhanced Master Pages, User Controls, Custom Controls, User Interface by using **HTML, CSS, Asp.Net Controls.**
* Used **LINQ to SQL, LINQ to XML and LINQ to Objects** for retrieving the data efficiently and Just in Time manner through Entity Framework.
* Used Web Services (**SOAP, WSDL)** for communicating with other application and components.
* Implemented **SSIS packages** and jobs to integrate with external third parties and internal databases.
* We used **TFS** (Team Foundation Server) for all the source code maintenance among the whole team members.
* Involved in all the stages of **SDLC**. Completely understand the importance of Quality of work in deliverables given to client.
* Worked with Offshore team to delegate the development work.
* Responsible for manual testing, Unit testing, Integration testing, System testing for modules coded.

**Environment:** Visual Studio 2012, Agile Methodologies, ASP.NET, ADO.NET, C#, .NET framework 4.0, MVC4.5 HTML, CSS, JavaScript, WCF, TFS, SQL Server 2008, Web Services, Entity Framework, AJAX, LINQ

**Aditri Technologies, Hyderabad, India May'09 - Nov’11**

**JR VB.Net Developer**

**Responsibilities:**

* Incorporating requirement changes and specifications.
* Developed Web forms/user interfaces using **C#/VB.NET** and **ASP.NET**.
* Used **ADO.NET** extensively for data retrieving, querying, storage and data manipulation.
* Created and consumed web services for the application.
* Maintained existing **WinForms** applications.
* Performed **Unit testing** of the application and subsequently handled the debugging issues.
* Worked on the **project documentation** adhering to the documentation standards.
* Used **Visual Source Safe** for source control.
* Provided assurance in Functional, Non-functional and Security testing.
* Involved in Unit testing, Build and integration testing for the interfaces.
* Involved in Creating tables and writing Stored Procedures required by solution.
* Involved in code management activities using TFS.
* Developed n-tier objects such as Business, Data Access, and Application layer.

**Environment: .**NET Framework 3.0, T-SQL, C#, VB.NET, XML, HTML, JQuery, Ajax, SQL Server 2005, SOAP.