**Aviraj**

[ravikumarjavadevelo.per342@gmail.com](mailto:ravikumarjavadevelo.per342@gmail.com)

**210-963-7356**

**Full Stack .Net Developer**

**Professional Summary:**

* 8+ years of experience in Software Designing, Development and Testing using technologies such as**ASP.NET (5.0, 4.0, 3.5), ADO.NET, C#, ASP.NET (MVC5, MVC4), Razor, WCF, WPF, Entity Framework, WebAPI, JavaScript, HTML5, AJAX, jQuery, XML, Bootstrap, Angular.JS, Node.JS, Telerik Kendo UI,SSIS,SSRS and SQl Server.**
* Strong experience in developing **enterprise-level Web Applications** using **n-Tier Architecture.**
* Strong experience in **Object Oriented Programming (OOP) and methodologies**.
* Strong understanding of **SOLID design principles** and exposure to D**esign Patterns like Singleton, Factory, Builder, Fascade, Strategy, Template etc.**
* Excellent knowledge in **Object Oriented analysis and design (OOAD),** Agile Development Methodology,
* Service Oriented Architecture (SOA) and Model-View-Controller Architecture 3.0/4.0 (MVC).
* Strong C# and ASP.Net skills focused on creating **Web-forms** and **ASP.Net server controls.**
* Developed next generation applications using the **.NET Framework**, **Windows Communication Foundation** (**WCF**) and **MVC (Model View Controller).**
* Developed web applications using **Test Driven Development (TDD)** methodology.
* Experience in implementing **.NET Security features like Authentication and Authorization** using Form-based and Window-based authentication, Authorizing Users, Roles and User Account Impersonation, tracing.
* Experience in writing unit tests using **MS-Test, NUnit** and **QUnit.**
* Experience working in **SQL Server Integration Services (SSIS)** packages to extract, transform and load (ETL) data from different databases.
* In-depth experience of **T-SQL, SSIS, Reporting and Analytics**.
* Experience in SQL Server **DTS** and **SSIS (Integration Service)** package design, constructing, and deployment
* Experience in database design in **SQL Server, Oracle**using**Stored Procedures** and **Triggers**
* Experience in maintaining automation framework.
* Experience in working in Software Configuration Management using **Tortoise SVN**, Microsoft Visual Source Safe (VSS) and Visual Studio **Team Foundation Server (TFS**).Experience in using third party tools like Telerik and kendo Controls.
* Applying Multithreading techniques for creating high performance applications.
* Implementing the n-tier application with UI, Business layer and Database.
* Expertise in **Microsoft Visual Studio 2013/2012/2010, Win forms, ASP.Net, ADO.Net, C#, .Net Framework 4.5.1/4.5/4.0, SQL Server, Entity Framework 6 and LINQ.**
* Extensive experience in SQL Server Database design, Database maintenance, developing T-SQL queries, stored procedures and triggers in SQL Server 2008/2005.
* Experience in developing **Service Oriented Architecture (SOA)** Enterprise Applications using **WCF Services**.
* Sound knowledge of LINQ, WCF, WWF and WPF concepts introduced in .Net Framework 3.0/3.5/4.5.
* Thorough understanding of web technologies including Silver light, HTML, JavaScript, VBScript, XML and AJAX.
* Expertise with ADO.Net objects such as connection object, command object, Data Reader Object, Dataset Object and Data Adapter Object.
* Designed workflow application by analyzing business processes and developed workflow maps for the application.
* AWS Infrastructure setup Web Server, App Server and PDS Server
* Tomcat 7 and Apache 2.2 setup on EC2 instances.
* Experience in usage of third party tools Telerik RAD control and scripting languages JavaScript and VB Script.
* Development Methodologies and Tools - MSF Agile, SCRUM, Team Foundation Server 2010, Visual Source Safe (VSS)., AJAX controls and Kendo UI Web and Mobile
* Strong skills in **Debugging Techniques** and **Object Oriented programming concepts** and **design patterns**.
* Have been involved in several sessions to gather system requirements from various Interfacing Teams at different client places.
* Possesses excellent communication skills and capable of working as an individual and also as a part of team.

**Technical Skills:**

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| **Programming Languages** | C#, ASP.NET, VB.NET, JavaScript, TypeScript, jQuery, Angular JS, XML, XSL, XSLT. | |
| **.NET Technologies** | Microsoft .NET Framework , ADO.NET, Entity Framework 6, Win Forms, Web Forms, SOAP 1.1, WSDL, Silverlight, WCF, WPF, SharePoint 2013 – External Contents, Data Connections, Excel Services, performance point, SSRS, Web API | |
| **Web Technologies** | ASP.NET 3.5, ASP.NET MVC4, Razor, , Web API,WCF, JavaScript, KnockoutJS, AngularJS, Bootstrap,CSS, XML, XSL, XSLT, HTML, AJAX, jQuery, JSON, CSS3,AWS | |
| **Data Base** | SQL Server 2012 (T-SQL, Stored procedures, Triggers), Oracle 11g, MySQL, Sybase | |
| **Dependency Injection Tools** | StructureMap, Ninject, Unity Framework | |
| **Application Tools** | Log4Net, Automapper | |
| **Unit Testing Frameworks** | MS-Test, Nunit, Jasmine, Karma | |
| **Mocking Tools** | Moq | |
| **Development IDE** | Visual Studio .NET 2003 /2005 /2008/2010/2012 | |
| **Content Management Tool** | Sitecore, CMS, DotNetNuke | |
| **Source Repositories** | Git Hub, TFS, Tortoise SVN, Visual Source Safe |
| **Web Servers** | IIS 6.0/7.0 | |
| **Operating Systems** | Windows Vista/XP/2000/NT/98, DOS, Unix, Linux | |

**Professional Experience:**

**RBI Citizens bank, RI June 17-Till Date**

**Full Stack .Net Developer**

* Design and develop web based solutions through all the SDLC phases including business requirements gathering, front end web pages design and implementation, database implementation, testing, prepare technical and release documentation.
* Involved in design, and development of the web based application tool using Web API and C#.
* Design and implemented ASP.NET MVC ,SPA web solutions with industry best practices and design patterns
* Implemented custom JavaScript date time picker (from Bootstrap) to pick to and from date calendar which gives a string to the input field
* Implemented Angular Service calls using Angular Factory
* Develop relational data models and database objects such as tables, views, indexes, stored procedures, triggers, functions.
* Worked on Multithreading, Asynchronous & event based programming.
* Convert data from legacy systems to SQL Server using SSIS packages.
* Kendo integration in MVC application, enabling OData with Kendo UI, Custom Filtering and grouping logic for Kendo UI
* Used NgDoc and Markdown for Automated Microsite Generation.
* Used Angular.JS-Custom Directives, Two Way Data-Binding, Dependency Injection, Modules Implementation, Templates Implementation, AngularJS integration with HTML, AngularJS Internalization, MVC (Model, View & Controller), AngularJS Filter & Validations, SPA and Front End Development, Testing and Bug Fixing.
* EC2 instances, RDS instance - MySQL, VPC, S3, IAM, Route53
* S3 API implementation for accessing S3 bucket data files
* Used Object Oriented Analysis Design (OOAD), ObjectOriented Programming (OOPS).
* Experienced in developing with .Net 3.5/4.0 using LINQ to Objects,LINQ to SQL, Silverlight 1.0/2.0, Microsoft Expression Blend, WindowsPresentation Foundation (WPF) and XAML.
* Used Telerik UI/ Kendo UI/ JQueryUI Controls for building high qualitywindows/web applications.
* Experience in developing customized and distributed applications usingUser and Custom Controls.
* Extensively understanding in creating and managing View Models, Views and Partial Views using ASP.NET MVC. Proficient in LINQ for dataretrieval, CRUD operations, data filtering & sorting.
* Good working experience with ADO.NET objects such as SQL Connection,SQL Command, Dataset, Data Reader and Data Adapter Objects in Web applications and Win form applications.
* Good working experience in XML Technologies - XML, XSL, DOM, XSLT, XPATH, SOAP and WSDL for data sharing/data migration and reporting.
* Working Knowledge of Model-View-View-Model (MVVM) & Model View Controller (MVC) Pattern.
* System Designing using Unified Modeling Language (UML) and experience in Design Patterns.
* Experience in working with xUnit, NUnit,Moq and VSTS test for Unit Testing.
* Worked in Agile Software, and Test Driven Development(TDD), conducting Code/Test Case review meetings, participated indaily SCRUM meetings.
* Used TFS as Source repository.

**Environment:**ASP.Net MVC, Entity Framework , SQL Server 2014, Typescript,AngularJS,Javascript,Ajax, JQuery, LINQ, Windows 7, VS 2005 – VS2015, .Net Framework 2.0 to 4.0, Team Foundation Server 2010, SSIS, NUnit, Telerik Controls, Kendo UI Controls,Angular JS.

**United health group Raleigh, NC May 16 - May 17**

**Full Stack .Net Developer**

**Responsibilities:**

* Involved in the SDLC phase of requirement analysis, design, and development of the web based intranet application tool using Asp.Net MVC, Web API and C#.
* Created Business Logic Layer & Data Access Layers using design patterns like MVC, Fascade, Builder, and Repository.
* Designed Domain and Business Models using SOLID Design Principles
* Developed core web services in Web API to read/write data from SQL Server Database using Entity Framework.
* Developed Web Pages using SPA (Single Page Applications) Framework, HTML, CSS, Bootstrap, Angular JS, Typescript
* Implemented Multi-Threading in the application and Windows Services
* Created JavaScript modules to be used with Bootstrap to speed up development
* Designed and Scheduled the SSIS packages to migrate data from Excel to SQL Server and Vice-Versa.
* Implementation of client side validations using jQuery, Angular JS and server-side validation using ASP.NET MVC Validation at Controller level
* Created DAL (Data Access Layers) to establish database connectivity and data manipulation.
* Created Layouts for a unified look and feel of the Web Applications.
* Used Grid View, Data List, and Panels to display and manipulate data in MVC views using Telerik controls.
* Used Forms Based Authentication to enforce security in the application
* Implemented Logging Mechanism using Log4Net.
* Dependency Injection done using Ninject Framework.
* The client layer has been developed using ASP.Net and Oracle 9i code behind for content presentation.
* Used Selenium IDE for Open source web testing
* Designed Administrator pages to handle overall application.
* Developed Customer Status update using Task-Based Asynchronous Programming Model (TAP) which can handle multiple threads and tasks.
* Written various unit tests using NUnit and Moq Framework
* Involved in complete **SSIS** life cycle in creating **SSIS packages**, building, deploying and executing the packages in the development and production environments
* Involved in designing Database Architecture.
* Implemented Optimized Stored Procedures.
* Wrote the Database Triggers, Views, and Indexes.
* Used Kendo UI Controls to create better, faster and more user-friendly web applications.
* Active participation in unit testing of the application to ensure quality.
* Optimized LINQ/SQL queries and indexes for SQL Server 2012.
* Fixed bugs reported by QA and UAT, including in Typescript.
* Migrated application from .NET Framework 1.1 to 4.5.
* Maintained the Version, Labeled Versions and Backups of the source using Team Foundation server (TFS).
* Supervised the development of functional documents for the application.
* Participated in various client meetings with the team and the Project manager to discuss improvements/amendments in the development of the section.

**Environment:** ASP.Net MVC, Entity Framework 4.0, TAP, Ninject, SQL Server 2008, Typescript, JQuery, LINQ, Windows 7, VS 2005 – VS2010, .Net Framework 2.0 to 4.0, Team Foundation Server 2010, SSIS, NUnit, Telerik Controls, Kendo UI Controls,Angular JS.

**State of MO Jefferson City, MO Jan 15 – Apr 16**

**.Net Developer**

**Responsibilities:**

* Extensive involve in analyzing business requirement and discussion with business users.
* Involved in enhancement of existing system based on the business requirements, database design and system analysis.
* Developed Web Pages using ASP.NET MVC and C#.
* Developed application written in C# utilizing .NET WinForms and significant multithreading
* Interacted with the offshore team, ensured the task distribution and delivery on time.
* Developed GUI using .Net framework 3.5/4.0.and responsible for creating components using C#.Net.
* Responsible for designing Rich user Interface Applications using JavaScript, JQuery, CSS, HTML, AJAX and AngularJS.
* Integrated Sitecore with backend systems and provided user controls.
* Used CSS framework (Bootstrap) for Base Styling of HTML-5 elements.
* Developed user controls and used validation controls available in .NET environment.
* Extensively worked with the JavaScript and client side validations.
* Ajax web browser technology was extensively used with JQuery to avoid post back to the server.
* Developed Invoice View using MVC, Razor and Entity Framework. Developed Web services, using SOA architecture, WSDL.
* Designed and developed Web architecture and protocols: detailed HTTP knowledge, REST and SOAP services, HTML5/CSS3/JS, HTTP/2.
* Consumed JSON data in an AngularJS service and Returned JSON data from an ASP.NET controller.
* Created and consumed WCF Web Services to expose the application functionality for different applications running inside the company & outside, implementing a Service Oriented Architecture (SOA).
* Documented the details of all the WCF samples and Migrated Web services to WCF.
* Implemented basic and advanced search generically to populate in list views of all the modules.
* Implemented Service Oriented Architecture (WCF) for manager call tracking module.
* Used ADO.NET as a data source for accessing databases.
* Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL Server
* Created and Consumed WCF Web Services used for data transfer etc.
* Used .Net 3.5 LINQ components in data layer.  Developed Web Pages using ASP.Net MVC and C#.
* Used LINQ to Entities for retrieving the data efficiently and Just in Time manner.
* Created and maintained the Admin page for central management of the application.
* Maintains UNIX\LINUX operating systems to provide optimum performance and system availability.
* Used Smart Part as a data storage back end for updating and committing the code into the system.
* Extensively used Nuget Packages.
* Performed debugging and exception handling in support to the software development.
* Used Tracking Portal open source software to keep track of bugs.
* Working with Team Foundation Server as the source for version control and project / issue management.
* Used Source repository such as TFS to commit changes and to follow the team members work.

**Environment:** Visual Studio 2008, Microsoft .Net Framework 3.5/4, Team Foundation Server, MVC5/4, ASP.NET MVC, C#, HTML, HTML 5, CSS 2/3, JavaScript, Telerik Kendo UI Complete, ADO.Net, Web Services, WCF, WPF, LINQ, SQL Server 2008 R2, T-SQL, PLSQL, XML,( XSLT, XPATH), SSIS, SSRS.

**TD Bank, Cherryhill, NJ Sep 13 – Jan 15**

**.Net Developer**

**Responsibilities:**

* Involved in requirement analysis, designing and development.
* Used AGILES methodology to implement the application.
* Designed Class, Use Case, Sequence diagrams using MS Visio.
* Involved in development of MVC 3.0/4.0 patterns for client server interaction.
* Improved code reusing and reduced class coupling through Dependency Injection design pattern.
* Used Razor view and ASPX(c#) as a view engine to make the code simple, enable to mix and match view templates written using multiple view engines in the application.
* Created designs in partial views that are commonly used throughout the application.
* Developed MVC application by using Layouts to have consistent look of and to add styles to each page in application.
* Used front end web development tools like Ajax, CSS, JavaScript, DHTML, and jQuery.
* Involved in developing WCF Web Service using SOAP/HTTP to communicate with legacy systems.
* Implemented methods through controllers in MVC to handle user inputs and responses.
* Implemented AJAX and used Ajax Controls toolkit to improve performance, responsiveness, interactivity and features of application.
* Configured security features for the application using Form Based Authentication and Role Based Authorization using C# and ASP.NET.
* Created rich, easy-to-use and highly interactive UI using ASP.NET, AJAX controls, HTML-5, CSS, and master pages.
* Implemented a separate query processing using LINQ and created data entry web applications, with LINQ to SQLCRUD operations.
* Used Sessions, Cookies and Application Level State Management in Application.
* Performed validations on Web Forms using .NET Validation Controls and also Client Side Validation using JavaScript.
* Consumed XML Web Services using C#.
* Created Stored Procedures, Functions, Views and Triggers in MS-SQL database using T-SQL for regulate and maintain complex data.
* Used Team Foundation Server (TFS) for Version Control
* Designed and Developed reports using SSRS. Reports were developed against a variety of data sources which included SSRS.
* Used SSIS to manipulate data to integrate the SQL Server database into larger processes.
* Developed business logic including Code-behind files and Classes in N-tier.
* Used TFS for bug tracking and bug fixing.
* Developed Entity Framework to access a relational database from the application.
* Involved in Unit and Functional testing and fixing the issues occurred in the testing process.
* Involved in deploying the application on the IIS server.
* Used LINQ to SQL to manipulate and fetch the data from database.
* Generated reports using SSRS.
* Performed database operations on SQL Server 2008 to create and maintain accounts information by creating SQL queries, stored procedures, functions, and views.

**Environment:** MVC 3.0/4.0, Razor Views, Partial Views, Layouts, C#, ADO.net, Visual Studio 2012, SQL Server 2008 R2, SSRS, Web Services, WCF, XAML, IIS 7.0/7.5, Java Script, JQuery, ENTITY Frame Work, LINQ to SQL, XML, AJAX, HTML5, CSS, TFS, NUnit 2.5.

**Emblem Health, NYC, NY Jan 12 – Aug 13**

**.Net Developer**

**Responsibilities:**

* Developing and maintaining all sites upon business requirements including enhancements on agile methodology.
* Involved in gathering requirements from business analyst.
* Co-ordinate with team lead for better understanding of functional requirements, analyze and Design the business requirements to document and implement.
* Used ASP.Net 4.0 with C# language to develop the applications.
* Developed XML Web Services using C#, ASP.Net, ADO.Net, SOAP, XML, XSLT, WSDL, REST and UDDI for exposing the functionalities of the enterprise business components at the Business Layer. Used XML to transport and store data.
* Involved in complete SDLC, used AGILE methodologies to implement new features in incremental way.
* Created rich, easy-to-use and highly interactive UI using ASP.NET, AJAX controls, HTML, CSS, and master pages.
* Designed and developed several Windows forms using **VB.NET.**
* Used Linq to Sql to get the data from database
* Used JavaScript extensively for client side validations.
* Implemented unit testing in application.
* Attending daily scrum meetings to update/report work status with team and Project Manager.
* Created and consumed the WCF services for Service Oriented applications.
* The application was developed using the Model View Control (MVC) architecture that gives a clear separation of representation of information from the user's interaction with it.
* Involved in Analysis, Design, Programming, Testing, Bug fixing.
* Used ADO.Net to access the SQL Server 2005 database
* Develop Business Layer using Interface and Transaction Implementation.
* Generate report from Data Grid and export into MS Excel and save the file in PDF Format.
* Developed .Net based class library using C#
* Modified the app.config file to obtain the desired setting.
* Designed Test cases, Test data and Bug fixing.
* VSS is used for source code management.

**Environment:**ASP. Net 4.0,Visual studio 2010, C#.Net, WCF, JavaScript, SqlServer2008

**Pascal Software Solutions, India Jun 09–Dec 11**

**.Net developer**

**Responsibilities:**

* Designed and developed new applications using C# and ASP.Net.
* Developed Presentation layer using ASP.Net 2.0, JavaScript, AJAX, Business Layer using C#.
* Created user access control to restrict users based on user roles.
* Used ADO.Net objects such as Data Adapter, Dataset, and Xml Reader for consistent access of data.
* Used SSIS for data manipulation.
* Used ASP.Net Web Form controls like Dropdown list, Button, Textbox controls for creating **User Interface (UI)**.
* Involved in Database Designing, Views and Stored Procedures in SQL Server.
* Involved in unit testing of the modules before submitting to QA.

**Environment:**.Net Framework 2.0, ASP.Net, ADO.Net, Visual Studio .Net, Win forms, WPF, Web Services, PL/SQL, IIS 5.0, C#, Windows 2000, XML, XSLT, SQL Server 2005.