**B. Kumar**

**.Net Developer**

[**vijaya@rrsoftwaresolutions.com**](mailto:vijaya@rrsoftwaresolutions.com)

**Professional Summary**

* Around 8+ years of professional experience in developing and deploying the applications utilizing a variety of programming languages and in depth understanding of all the phases of developing and deploying (SDLC-Software Development Life Cycle), Client-Server and **N-tier Architecture with Agile, Waterfall, Scrum**.
* Prodigious working with basic MVC and all the **MVC Frameworks** like the 6.0/5.0, Implemented the components like the Model, Views, Partial Views, Strongly Typed Views and controller actions.
* Experience in developing Web Services using **WPF** for creating user interfaces using **MVVM**, **PRISM**, **XAML**, C#, User controls **Win Forms** and utilizing third party controls like Telerik UI controls.
* Working knowledge of client-side functionalities with various UI and responsive components which are execution functionalities in the web applications using advanced JavaScript/UI structures like **JSON, jQuery, XML, Bootstrap 3.2, AJAX, AngularJS(2.0,1.2), HTML (5/4), DHTML, XML/XSL/XSLT, CSS (3/2).**
* Developed Single Page Application Using **Angular 2.0** and Created Modules Using **Angular 2.0** Controllers, Directives and Components.
* Working skills in consumption of distributed application using **WCF** (Windows Communication Foundation) and its designing, development, testing, its security and handling **WCF** based service, data, fault, and message contracts.
* Knowledge in working with information serialization, attribute routing, client-based confirmationand token-based verification in **WEB API**.
* Adept in rendering **ADO.Net** data access techniques to select, retrieve and manipulate the database information and created ado.net objects like **Data sets, Data reader** and **Data adapter** to efficiently communicate with SQL Server Data base using the **ORM** technologies like the **entity framework** which is eventually developed using **code-first and database-first** to implement **CRUD** and **API** with **LINQ** to entities.
* Experience working with **Azure**, to move the code from existing Production server to **Azure**.
* Done Database design (**RDBMS**),programming, implementation and development using **MS SQL Server2005/2008/2012, Oracle 11g/10g/9i, MS access**, analytical and conceptual skills in database related work primarily creating complex **Stored Procedure, Views, Triggers, Functions, T-SQL, Indexes, Cursors, Performance Tuning, SQL Profiler.**
* Expertise on **PL/SQL** that includes Cursors, Ref-cursors, Bulking techniques, Procedures, Functions and Packages, Oracle Supplied Packages, Collections, Partitioned Tables.
* Extensive experience working with **State Management, Security,caching features** and **configuring optimizations** etc**.**
* Working background in unit testing and execution testing systems like **NUNIT, MS Unit** Tests for business rationale.
* Experienced working with **Team Foundation Server (TFS), VSTS** for daily based tracking of work progress and maintaining synchronous with other team members.
* Experience working with **GitHub**as theversion control to achieve a good communication.

**Technical Skills**

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| **.Net Technologies** | ASP.NET 4.5/4.0/3.5/2.0, MVC 5/4/2,WPF, MVVM, Entity Framework, Web forms,WinForms, Web Services, WCF, RESTful Service, WPF, ADO.NET, Silver light |
| **Programming Languages** | C#.Net (4.0/3.5/3.0), VB.NET(10.0/9.0/8.0), T-SQL, PL/SQL LINQ, XML |
| **Scripting and Markup** | VBScript, JavaScript, SharePoint, jQuery, HTML, CSS, XML, WSDL, XSLT, SOAP, Angular JS, Angular 2/4/5, JSON, Bootstrap, AJAX. |
| **Framework** | .NET Framework 4.5/4.0/3.5/3.0/2.0 |
| **Databases** | SQL Server 2012/2008/2005, No SQL, Oracle 10g/9i, T-SQL, PL/SQL, MS-Access. |
| **Protocols** | REST, SOAP, TCP/IP, HTTP, UDP/IP and FTP. |
| **Web Server** | IIS 7.0/6.0/5.0 |
| **Tools** | Visual Studio .NET, Telerik, NUnit, NLog, SQL Server ReportingServices(SSRS 2008/2005), Crystal Reports(2010/9/8.5/8) |
| **Version Control Tools** | TFS, Visual Source Safe, GIT. |

**Educational Experience**

Master’s in Information Technology (MIT), UOB, Australia.

Master’s in Information Assurance. (Wilmington University), USA.

**Professional Experience**

**Client: UPS, Timonium - MD.**

Title: **.Net Full Stack Developer**

Duration**:Sep 2019 – Till Now**

Project:**Orion.**

**Responsibilities:**

* Used Agile (Scrum) Methodology for fast and more disciplined development throughout implementation.
* Participated in everyday Scrums with the entire group to examine about the progress of the application development, specks to be taken care and specks that already completed.
* Designed responsive and user-friendly Web Pages using MVC 5 Razor Views, AngularJS, CSS and Bootstrap.
* Followed OOP’s Concepts and SOLID principles while developing application using C# 5.0 for Business Logic and Code behind view models.
* Using Agile Methodology approach in the application development.
* Designed WEB based application using C#, ASP. NET MVC 5.0 using Razor View Engine, jQuery, AJAX, Angular 5/4, HTML5 and CSS3.
* Utilized the features of Angular 5.0 to present effective web design.
* Developed various pages in the applications in front end technologies HTML5, CSS3-SASS, JSON, Angular 5.
* Designed animated web pages by importing the @angular/animations which is the latest animation package in Angular 5.
* Used Entity Framework’s Code First approach to create database and tables as objects along with LINQ to interact with database to perform CRUD operations.
* Using Web API.
* Polished the Details page using Angular Material like Pagination and Filter.
* Worked on Angular 4 concepts like building the components, Data binding, Property Binding, Event Binding, and Two-way Data binding (with the help of Forms Module).
* Created RESTful services to return serialized JSON data which are later consumed through AngularJS services.
* Broad experience in programming using C, C++ and Shell Scripting
* Developed RESTFUL Web API using ASP.Net Core.
* Created and consumed WCF Services to expose the application functionality for different transport protocols running inside the company.
* Leveraged WCF mechanisms like seasoning, Instance Management, Concurrency to make their services more robust and scalable.
* Worked on modular JavaScript utilities (MOUT JS) library for UI validations to keep code simple and reusable.
* Worked on Angular 2.0 by consuming Restful web services & used Angular 2.0 forms like Template Driven forms and Modern Driven (Reactive) forms to perform form validations both on server and client side.
* Attribute Routing used in the Asp.Net core web API. Used Async and Await in Asp.net Core web API methods.
* Migration using Quest Migration Manager Tool for Active Directory
* Developed Multiple Presentation Layers with Win forms user controls, Standard controls, VB.NET, C# and XML
* Responsible for Continuous Integration (CI) and Continuous Deployment (CD) process implementation using DevOps along with Shell scripts to automate routine jobs.
* Developed a front-end CVS Internal web application called prescriber page under specialty by using Angular 4/5/ PrimeNG, HTML5 and CSS3
* Experience and expertise in Angular 2 by developing individual components.
* Used Angular 4 Forms API to get the data from the user.
* Responsible for building api to support various providers (Twilio and frozen mountain) audio/video call and chat feature using typescript.
* Knowledge in memory management, auto pointers, pointer handling, callbacks, function pointers and functions in C++/C.
* Wrote Unit tests to test .net Core web API Action methods using Xunit.
* Updated Active Directory Sites and Services.
* Created and maintained database schema, tables and views. Implemented stored procedures, indexes for better performance using SQL Server.
* Wrote a Win forms application to transition a business process away from excel into a SQL database.
* Created SQL Server Reports using SSRS, exported them to Excel format for managers and QA team for validation.
* Worked with QA to develop and review test plans and strategies. Made the builds and deployed the applications in test, stage and Production servers.
* Used React JS for templating for faster compilation, developing reusable components with well-defined interfaces.
* Work with Product management on product feature requirements definition and refinement.
* Used TFS for source code management, version control and agile process.
* Worked on React JS Virtual DOM and React Views, rendering using components which contains additional components called custom HTML tags.
* Used React-Router to turn application into Single Page Application
* Implemented Caching and State Management strategies to improve overall performance of the application.
* Performed Unit testing and Integration testing by applying test cases.

**Environment:** Visual Studio 2015,2017 C#4.0, ASP.NET4.0, MVC 5.0/4.0, .NET Framework 4.0, Entity Framework 6.0/4.0, Web API, HTML5, N-Unit, WCF, Team Foundation Server (TFS 2010), AngularJS 1.6, Angular 2/4/5,SQL Server, IIS 7.0, Windows Server 2008 R2/2008, PL/SQL.

**Client: Progressive Insurance, Cleveland, OH**.

Title**: Sr.Net Developer**

Duration**:Feb 2019 – Aug 2019**

Project: **Commercial Lines Insurance.**

**Description:**Claims Automated Payments Project for Progressive Insurance. This application enables the representative to online claim tracking, make a payment for estimated payments and to allow the representative to view or find the payment. It provides the representative with a worksheet that can be used more intuitively and effectively to setup information to make payment, save it and return later. Also, while making a payment a mechanism is provided to create, process and resolve issues preventing the issuing of the payment.

**Responsibilities:**

* Used advanced knowledge of web technologies, including **MVC 5, ASP.Net, C#, CSS3, Ajax, Angular JS, HTML5, XML, TSQL,** database modeling tools and database interactions.
* Implemented **MVC Architecture** on client side and creating **Models, Controllers, and Views Scope** etc. Using **Angular JS.**
* Used **Angular JS** to standardize web application structure and responsive using **bootstrap** and provide a future template for data binding.
* Implemented **WCF SOAP services** to facilitate communication between multiple transport protocols.
* Used Asp.net **WebAPI 1.1/2.0** to migrate the codebase from **SOA** to **RESTful Service**.
* Created **SQL Server** Reports using **SSRS** and exported them to Excel format for managers and QA team for easy validation.
* **Angular JS HTTP Services** were made to communicate with WCF service and data was retrieved in (JavaScript Object Notation) **JSON** format for display to improve application performance
* Designed and developed Data Access DAL Business Logic layer BLL and other components in **VB**.
* Developed web pages and validated these pages using **ASP.NET** and **VB.net.**
* Developed various **stored procedures** for the data retrieval from the database and generation of different types of reports using **SQL reporting services (SSRS)**.
* Created Custom **HTML Helpers**, **Partial Views** and **Layouts** to maintain and reusability in UI Layer
* Implemented communication mechanisms between Controller to View using **View bag, Temp data and Action Results** etc., and Controller to View using **Model binder, Http Request Collection and State model.**
* Performed T-SQL tuning and optimization of queries for reports that take longer execution time using **SQL** Query Analyzer in **MS SQL** Server 2012.
* Developed complex programs in **T-SQL**, wrote Stored Procedures, Triggers, Views and Queries with best execution plan.
* Implemented **Register routes, Custom Routes, Routing Constraints** using **Routing mechanism.**
* Utilized Microsoft Team Foundation Server (**TFS**) for source code repository.
* Implemented **Unit Testing**, **Integration Testing** and **System Testing** using **NUNIT**.

**Environment**:.NET Version 4.5/3.5, Entity Framework 5.1, Visual Studio 2012, SQL Server 2012, VB.Net, C# 4.0, MVC 4/5, TFS , SVN, XML, WCF, CSS3, HTML5, XHTML,ADO.NET, NUnit, LINQ, PL/SQL, SQL-Server 2008, SSRS, JavaScript, Angular JS, IIS 7.5.

**Client: Well MEd, San Antonio, TX**.

Title**:Sr.Net Developer**

Duration**:March 2017 – Jan 2019**

Project:**National Health Plan**

**Description:**The National Health Plan is a health-insurance program for qualified adults. It pays for medical costs for members and could even provide vision and dental coverage. It also rewards members for taking better care of their health.

**Responsibilities:**

* Created the Controllers using Controller Actions, Action results, views and View Models using **ASP.NET MVC**.
* Implemented **WEB API** Services for CRUD operations with HTTP verbs **GET**,**POST, PUT and DELETE**.
* Created rich, easy-to-use Views, Partial views using Scaffolding Templates and Razor View Engine using MVC.
* Involved in developing effective User Interface and Animation for **WPF** applications using **XAML**.
* Created snapshots by using **WPF** (Windows Presentation Foundation) for the functional requirement phase and used **SQL** Server Integration Services (**SSIS**).
* Worked with **Html5, CSS3, Bootstrap** and **Angular 2** to create an application. Optimized the performance of the application using Bundling and Angular 2.
* Implemented Single page application using **Angular2** routes. Created Angular 2 custom pipes to format the data before displaying it to the user.
* Used **Angular2** Forms API to get the data from the user. Interacted with RESTful Web services using Angular 2 Http Module.
* Used D3.js for charting **jQuery** and **JavaScript** for creating view models.
* Used **MVC** and **AngularJS** to create a custom, responsive, single-page web application.
* Used **Action Filters** for user authentications and authorizations.
* Create WinForms application for handling XML files.
* Created **WCF** Services responsible for communicating and providing real time data from integrated server to Client Application.
* Created stored procedures, triggers, Constraints, Joins, Indexes, **SQL** Profile to test trace and involved, working on database scripts, Store Procedures, View, Indexes and Functions in **SQL** server 2016.
* Developed Data Conversions/Migration from Legacy System of various sources (flat files, **Oracle**, **Non-Oracle** Database) to **Oracle** system Using **SQL LOADER**.
* Wrote complex batch process in **PL/SQL** for handling huge data.
* Developed **ASP.NET MVC** applications using **Code First Approach** in **Entity Framework 6.0**
* Used **SQL reporting services (SSRS)** to generate different types of reports.
* Developed U-SQL Scripts for schematizing the data in **Azure Data Lake Analytics**.
* Involved in building the **Web API** to perform all the CRUD operations along with Azure. API management for security, analytics, monitoring and alerts.
* Created the dashboards in **Splunk** tool, where we log the data and retrieve in the form of dashboard.
* Used **GitHub**as the version control to achieve a good communication between the teammates.

**Environment:** Visual Studio 2015, SQL Server, Oracle, ASP.NET MVC 4.5, WPF, WCF,WEB API REST, Angular 2.0, Bootstrap, HTML5, CSS3, IIS 7.5/8/8.5, Entity Framework 6.0, LINQ, XML, AtlassianJira, Kibana,Splunk, Dynatrace, Git, GitHub.

**Client: Wellington Management, Boston, MA**

Title**:.Net Developer**

Duration**:December 2015- Feb 2017**

**Responsibilities:**

* Used advanced knowledge of web technologies, including MVC 5, ASP.Net, C#, CSS, Ajax, Angular JS, HTML, XML, TSQL, database modeling tools and database interactions.
* Implemented **MVC Architecture** on client side and creating **Models, Controllers, and Views Scope** etc. Using **Angular JS.**
* Used **Angular JS** to standardize web application structure and responsive using **bootstrap** and provide a future template for data binding.
* Implemented **WCF SOAP services** to facilitate communication between multiple transport protocols.
* Used Asp.net **WebAPI 1.1/2.0** to migrate the codebase from **SOA** to **RESTful Service**.
* **Angular JS HTTP Services** were made to communicate with WCF service and data was retrieved in (JavaScript Object Notation) **JSON** format for display to improve application performance
* Created Custom **HTML Helpers**, **Partial Views** and **Layouts** to maintain and reusability in UI Layer.
* Implemented communication mechanisms between Controller to View using **View bag, Temp data and Action Results** etc., and Controller to View using **Model binder, Http Request Collection and State model.**
* Performed T-SQL tuning and optimization of queries for reports that take longer execution time using **SQL** Query Analyzer in **MS SQL** Server 2008.
* Developed complex programs in **T-SQL**, wrote Stored Procedures, Triggers, Views and Queries with best execution plan.
* Extracted data from different data sources - **Oracle**, Access databases and Excel spreadsheets, transformed and mapped non-standard data to standard codes for data integrity and loaded the target **Oracle** warehouse database.
* Extensively used the advanced features of **PL/SQL** like collections, nested table and dynamic **SQL**.
* **SQL Server Reporting Services (SSRS)** for both on-demand (pull) and event-based (push) delivery of reports. Users can view reports in a Web-based format.
* Implemented **Register routes, Custom Routes, Routing Constraints** using **Routing mechanism.**
* Utilized Microsoft Team Foundation Server (**TFS**) for source code repository.
* Implemented **Unit Testing**, **Integration Testing** and **System Testing** using **NUNIT**.

**Environment**:.NET Version 4.5/3.5, Entity Framework 5.1, Visual Studio 2012, SQL Server 2012, Oracle,VB.Net, C# 4.0, MVC 4/5, GIT , SVN, XML, WCF, CSS3, HTML5, Twitter Bootstrap, XHTML,ADO.NET, NUnit, LINQ, PL/SQL, SQL-Server 2008, SSRS, JavaScript, JQuery, Angular JS, IIS 7.5.

**Client: Energy Australia, Adelaide, SA**

Title**:.Net Developer**

Duration**:April 2013– June 2015**

**Responsibilities:**

* Involved in gathering the requirements, created functional specification, analyzed and designed application.
* Developed interfaces using the C# program for creation and change of Sales and Purchase order.
* Involved in the design and development of the website using Visual Studio 2008 using **MSSQLServer** 2005.
* Used N-tier architecture for presentation layer, Business and Data Access Layers using **C#.Net.**
* Developed web forms using **ASP.NET** server controls and validated client side using **Java Script**.
* Used **SQL Server 2005** to populate the data and information about the customers.
* Designed and developed **UI** using **C#.Net,**[**ASP.NET**](http://asp.net/) and used **Grid view** control throughout the application.
* Worked with tools like Microsoft Front Page, Dream Weaver for developing web interface.
* Configured Web.Config files for entire Web Application.
* Created and maintained database objects like complex **Stored Procedures, Triggers, Cursors,** and **Tables, Views** and **SQL Joins**.
* Developed and maintained ETL (Extract, Transformation and Loading) mappings to extract the data from multiple source systems like **Oracle**, **SQL** server and Flat files and loaded into **Oracle**.
* Re-validated corrected data from source and re-processed to get them loaded to the **Oracle** target.
* Designed and Created Database objects and Written **PL/SQL** Programming for data extraction and transformation.
* Designed various stored procedures in database and worked on **ADO.NET** code to connect to **SQL Server** and extensively worked with **LINQ** queries.
* Created use case and class diagrams in **MS Visio** using **UML notations**.
* Involved in Installation, Configuration, Development, Deployment and Troubleshoot Reporting services using **SSRS** and **Crystal Report** across various environment.
* Throughout this project we followed **waterfall** methodology.
* Maintain timelines as per the estimate and finishing it on time with quality.

**Environment:** C#2.0, .NET Framework 2.0/3.5, SQL Server, Oracle, VB.NET7, ASP.Net 2.0/3.5, HTML4, VSS,ADO.NET, CSS, SSRS, Web Services, JavaScript, SQL Server 2005, Team Foundation Server 2008,Visual Studio 2005/2008, MS Unit.