## Kumar B

## [Kumarmicrosoft09@gmail.com](mailto:Kumarmicrosoft09@gmail.com)

**Sr.Full Stack .Net Developer**

**(732)-607-8323**

**PROESSIONAL SUMMARY:**

* Around 5+ years of experience as a Full Stack .Net Developer, Involved in all phases of SDLC like Analysis, Design, Implementation, Testing and Deployment of applications.
* Experience with Software Development Processes like **Agile, Waterfall**.
* Experience in implementing web applications by using **C#,ASP.NET, ADO.NET, MVC , LINQ, Entity Framework, Web Services, WCF, Web API , XML, HTML5, CSS3 ,** **JavaScript, JQuery, AJAX, Node JS Angular JS/2 ,SQL Server.**
* Experience using **Telerik** third party controls like **Kendo** UI.
* Experience writing server-less web-tasks using **NodeJS** for defining background workflows.
* Work with CI tools such as **Jenkins** to move to **CI/CD** process.
* Involved in writing test cases using **Jasmine** .
* Involved in development of websites administration and user management system **using ASP.NET core, Entity frame work core and ASP.NET identity.**
* Excellent knowledge on Object Orient Programming concepts (**OOPS**).
* Work with CI tools such as **Jenkins** to move to **CI/CD** process.
* Expertise using **MVC** design pattern, created Controller Action methods, Views,Models, Html Helper methods, Routing, Attributes ,Custom validations ,Partial views,Layouts etc.
* Experience in using Design patterns like **MVC, MVP** and **Factory Patterns**.
* Experience in Windows Presentation Foundation (**WPF**) for developing attractive and effective user interfaces, providing a common programming model for standalone and browser applications.
* Expertise in implementation of optimized, secured **WCF** Services by using Service, Operation, Data, Fault and Message Contracts.
* Good experience in implementing ADO.NET objects, ADO.NET Entity Framework and Object Relational Mapping (ORM) using **LINQ**.
* Implemented various Design Patterns like **MVC** (Model View Controller), **MVP** (Model View Presenter) ,Factory ,Abstract , MVVM .
* Experience using Data Adapter, Data Reader and Data Set in **ADO.NET**.
* Hands on experience with SQL Server Integrating System(**SSIS**) using SQL 2008/2005 and DB2.
* Extensive working experience in database development for creating complex database queries, writing **Constraints, Indexes, Views, Stored Procedures, Functions, Performance Tuning and Query optimization** using SQL Server.
* Implemented **Web API** to build HTTP services compatible for browsers and mobile devices.
* Experience in working with Reporting tools like **Crystal Reports**, Microsoft Reporting services (**SSRS**).
* Designed and Implemented Database Schema, Import data and built stored procedures on **SQL** **Azure**.
* Experience in TDD( Test driven development ) using **XUnit** framework.
* Experience using various Version Control tools like **CVS, SVN** and **GIT** for Source Code version management .
* Expertise in working with **Authentication & Authorization**, Windows based Authentication, Forms-based Authentication, Authorizing Users and Roles.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | C++,C#, ASP.NET, ASP.NET MVC 5, HTML5, XML, XSLT, CSS3, VB, WINFORMS, UML, MVC |
| **Scripting Languages** | JavaScript,Angular2.0/4 Angular.JS, Node JS, Kendo, Bootstrap, Backbone JS, jQuery AJAX, KnockoutJS |
| **Technologies** | WCF, WPF, HTML4/5, JavaScript, CSS2/3, Bootstrap, LESS/SASS, XML, Ajax,Silverlight |
|  |  |
| **Web Servers** | Internet Information Services (IIS) 5.0, 6.0,7.0 |
|  |  |
| **Reports** | SSRS, SSIS, Crystal Reports |
| **Database** | SQL server 2005, 2008, 2012 MY SQL, Oracle |
| **Version Control** | GIT, Team Foundation Service, CaseTracker,SVN |
| **Tools** | NodeJS, NPM,Jira, Bitbucket, Visual Studio, Beyond Compare, Silverligh WebStorm, MS Word, MS Excel, MS PowerPoint |

**PROFESSIONAL EXPERIENCE:**

**Client: Express Scripts, NJ Mar 2017 - Till**

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

**Description** : Pharmacy resource center app is a web application ,used by both clients and members registered with express scripts. The functionalities supported by this web application include Order refills and renewals, Check order status, patient search, pharmacy search, claims details, benefit management, detailed drug information etc.

**Responsibilities** :

* Used AGILE RALLY/SCRUM methodology to implement the application
* Used **x-confluence** page for project documentation and also internal errors or issues.
* Created **Single Page Application (SPA)** using **AngularJS** framework for binding data to specific views and synchronize data with server.
* Used Restful web services and developed dynamic web pages.
* Develop Business logic layer by implementing Object Oriented Programming languages (OOPS) concepts **abstraction**, **encapsulation**, **inheritance**, **polymorphism** in **C# 6.0.**
* Implemented a Restful API server with **NodeJS**and **Express JS**.
* Used **JSON** objects effectively for efficient client side coding and **Typescript** /**JavaScript** **template** design**.**
* Implemented **Angular**Router to enable navigation from one view to the next as agent performs application tasks.
* Used **Angular 2.0** and **Typescript** to develop **single page application (SPA**).
* Experience in Client-side web development utilizing **HTML5**, **CSS3, Bootstrap, and Angular JS (2.0) Typescript.**
* Built applications for scale using **Type Script**.
* Worked with the different type of **UNIX** and **Linux** commands, software troubleshooting and systems installation.
* Implement new Front-End features with **Typescript**/ JavaScript and other R**ESTful APIs**.
* Used **RxJs** heavily for subscribing to Observable streams containing data.
* Implemented of a responsive UI which will scale itself depending on the device, platform and browser, using **Angular**2.0,**HTML**, **CSS**, **Bootstrap**, **and Angular**-cli.
* Implemented **Angular**Router to enable navigation from one view to the next as agent performs application tasks.
* Used **Angular**-CLI to generate components, routes, services, pipes and to run tests.
* Optimizing the performance of queries with modifications in T-**SQL**queries, removed unnecessary columns, and eliminated redundant and inconsistent data.
* Developed and enhanced .**NET**framework4.0, 4.5 **Web API**endpoints for consumption by **Angular2** components.
* Created **Angular2**components, implemented Interpolation, Input variables, Bootstrapping, **NgFor**, **NgIf**, Router Outlet, binding the click event, Component decorator, binding to the hidden property.
* Leveraged **Angular2**resources for all data access, encapsulating URLs and standardizing data access interfaces. Created custom directives for re-usable components (Multi-filed form elements, background file uploads etc.)
* Experience in third party libraries like **Angular Material Design**.
* Knowledge in **Web Pack**, **Gulp** and **Npm** Scripts.
* Responsible for writing Stored Procedures and User Defined Functions to retrieve the data from the central database and extensively worked on bug fixes in SQL procedures using **SQL Server 2016/2014**.
* Developed new user interface components for different modules using**Kendo UI.**
* Used the **Kendo UI** controls for more robust requirements. Controls used such as grid, panel, date picker, combo box, validation, dropdown and Auto complete etc. throughout the application.
* Created and updated tables using the **DDL** and **DML** with respect to the business functionality.
* Implemented data access using **Entity Framework**to store and retrieve new user information for further use.
* Worked extensively on connecting applications to database using **Entity Framework**, **LINQ** and **Lambda** Expressions.
* Currently working on Microsoft **Azure** for enabling services and pushing the data into the cloud.
* Experienced first-hand the best/worst practices for integrating micro services into

an existing system architecture.

* Modified Web Services to interact with the other applications and exposed them using **SOAP**and **HTTP**.
* Managed Clusters with various Servers in **Azure**Cloud Resource Groups.
* Developed windows services to store **SQL** Server data in to Cloud base data warehousing by using **Microsoft Azure**.
* Used **GIT** for source control with the help of **Source tree** and **bit bucket** .
* Working knowledge and Performed **Integration** Tests in the application.
* Capturing data from Microsoft Azure sites.
* Managed **JIRA**Add-ons and Worked on Setup JIRA for Helpdesk/Tickets.
* Working knowledge on **Azure**Cloud **IaaS** and **PaaS** Services.
* Involved in Unit testing (**N unit**), Build and integration testing for the interfaces.
* Automating using **C#.net** and **N-unit** testing.
* Experience in developing E2E Automatic Test cases with Protractor and supporting with multiple browsers include **Chrome, Mozilla, Internet Explorer** and **Opera.**
* Involved in developing applications **for EDI 834** generation and submission to providers.
* Maintained the Version, Labeled Versions and Backups of the source using **PERFORCE**

**Environment:** C#.NET, [ASP.NET](http://asp.net/) 4.5.1, Entity Framework, Angular 2.0, EDI Claims,HIPAA ,Jasmine,NPM,Gulp,Grunt,Bower, Asp.net core ,  HTML5, CSS3,Boostrap,Javascript ,Angular2 ,Visual Studio 2017,SQL server 2016, GitHub,Agile Methodologies, WebApi ,SourceTree, BitBucket, EDI 834.

**Client: The Madison Square Garden Company, NYC Apr 2016 - Nov 2016**

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

The Madison Square Garden Company sets a global stand for excellence Developer directly with members of Football Operations to support and develop rich, interactive applications individual reports to the Director of Football Information Systems.

**Responsibilities**

* Designed and Developed front-end UI using **HTML5, CSS3, JavaScript, jQuery, Angular JS, Knockout JS.**
* Involved in all stages of SDLC including designing, coding, testing and implementing the application following Scrum (Agile) methodology.
* Developed Page layouts, Navigations and presented designs and concepts to the clients and the management to review.
* Converted wire frames to **HTML** prototypes.
* Developed SPA (Single Page Applications) using **Angular.JS**
* Used **MVC 5.0** Architectural design pattern for development of the application
* Used JSON to transmit data between server and Web Application.
* Extensively used **AJAX** toolkit to utilize Web Services and databases asynchronously.
* Developed Stored Procedures, Views, Triggers ,indexes, constraints, foreign keys in **SQL server**.
* Developed **Web API's** for backend data communication.
* Developed various screens and Client-side validations using **JavaScript** and **jQuery**.
* Worked with SharePoint 2013 and its integration with the .NET application.
* Created **AngularJS** applications using **Node.JS**.
* Created Web Applications with real-time, two-way connection, where both Client and Server can initiate communication by using **AngularJS**.
* Extensively worked with **AngularJS** (MVC, Routing, Data Binding, Factories, Services, $http, interceptors, and thirty angular modules).
* Used **Firebug**, **Firebug Lite, IE Developer** Toolbar, for debugging and browser compatibility.
* Involved in writing test cases using **Jasmine** and **Karma** to ensure.
* Used **Jasmine** is a behavior-driven development framework for testing **JavsScript** Code.
* Responsible for checking cross browser compatibility and hence worked on different browsers like **Safari, Internet explorer, Firefox and Google chrome.**
* Used **SSIS** (SQL Server Integration Services) for migrating data from different sources like MS Excel, CSV, Flat File, sources, Oracle database to SQL Server database.
* Used **GIT** for version control and **JIRA** for defect tracking.

**Environment:**

C#, Angularjs 1.6,Node.JS WebAPI 2, Microsoft ASP.NET Framework4.5, Entity Framework 5.1,Visual Studio 2015,Web API, Bootstrap, LINQ, HTML 5, CSS 3, jQuery, SSIS,StoredProcedures ,Microsoft SQL Server 2014,NUnit, Jenkins.

**Client: Financial Technologies ,Mumbai ,India Jan 2015 – Nov 2015**

**Role : Software Engineer**

Financial technologies limited is a global leader in providing next generation technology innovations, platform and solutions for creating digital markets and marketplaces that enables price discovery and transaction efficiencies across the industry segments.

**Responsibilities**

* Designed 3-Tier system having Business Logic Layer **(C#.NET),** Presentation Layer and Database Layer.
* Designed Web application using ASP.NET**MVC 5**(Model - View Controller) with **n-tier** architecture.
* Worked with **JSON** to pass the JavaScript objects from server to web application.
* Created User Controls for better reusability of codes in the application.
* Used Grid View and Form View with extensive data binding to display page and sort multiple records.
* Implemented business logic using **MVC** Action Filters like Authorization filters, action filters and exception filters.
* Developed the application using Microsoft **.Net framework 4.5** and Visual Studio 2013 using **MVC 5.0** architecture and **RAZOR** view engine.
* Used **LINQ** to query against strongly typed collections of object and various data source, **XML** documents, **Web services**, **ADO.Net** Objects and **Entity Framework**.
* Proficient in designing applications using **UML** - Modeling by applying **Object Oriented Analysis and Design (OOAD)** and design patterns concepts and methodologies.
* Developed the Applications in **ASP.NET** using Master Pages, Themes & Skins to maintain the consistent look and feel throughout the application.
* Worked on the modules implementing the business logic in C#.NET.
* Developed different User controls which inputs the data and display the data for the web applications using **ASP.NET**.
* Utilized MVC rendering methods and designed layouts views to ensure consistent views throughout the web application development and design.
* Made full use of .NET's object-oriented features, error handling, caching, security, tracing and event logging features.
* Leveraged **AJAX** to improve the application performance and leveraged all the **AJAX** tool kit controls.
* Involved extensively in developing the **client-side** validations using **JavaScript.**
* Developed multiple web services for feeding data to multiple applications using **Windows Communication Foundation (WCF).**
* Used Microsoft Application Blocks to develop **Data Access Layer** and perform exception management.
* Developed **XML Web Services** extensively to implement the business logic.
* Transformed **XML files** into specified business format (PDF, MS-Word) using **XSLT**.
* Created new data base objects like Procedures, Functions, Packages, Triggers, Indexes and Views using **T-SQL** in Development and Production environment for **SQL server 2005**.
* Created **SSRS Reports** on the web page by accessing the database.
* Used **VSS** to protect from accidental file loss and track version.
* Responsible for the Unit Testing, Integration Testing and implementation.

**Environment**: .Net 3.5, ASP.Net MVC 5, C#, ADO.Net, LINQ to SQL, AJAX, HTML, MS Visual Studio 2012, WCF, CSS, and SQL Server 2008.

**Client: Schimatic Technologies Pvt Ltd Aug 2012 – Dec 2014**

**Role : Jr. Application Developer**

This is an ecommerce application that looks to automate the process of sales Information Management and Incentive Processes . The System is basically an extranet for the dealers to login and view information that is restricted to authorize personnel. User authentication is provided based on Head office, regional office, main dealer and dealer categorization.

The System has various modules like Schemes Creation ,Claims Processing, Special Support  , Special Payments , Admin etc.

**Responsibilities :**

* Participated in Migration of **VB.Net** application and Up gradation of other applications.
* Design, development and testing of applications using **C#.NET, HTML, CSS, JavaScript , SQL Server** .
* Created new modules from scratch using **ASP.Net web forms**.
* Created UI pages using Html and styling using css for consistent look and feel of the application.
* Used **JavaScript** for event handling and client side validation.
* Fetched data from database and displayed in web controls (Tree View, Menu) through **XML**.
* Implemented **jQuery** to perform client-side validations and also performed server-side validations using **ASP.Net** validation controls like Required Field Validator, Compare Validator, etc
* Designed **WPF** Forms, Custom Controls and User Controls using XAML  
  language for interactive UI .
* The application uses  **MVVM** design pattern for separation of logic and  
  presentation and binding data to the view.
* Created custom Control Templates and Data Templates to enhance the look and feel of various **WPF** Controls.
* Involved in the process of designing and developing web based **UI** Layout using **ASP.NET.**
* Worked on SQL by creating database **Stored Procedures.**
* Used **AJAX** controls to retrieve the data from the server without interfering the display and behavior of existing page.
* Used **LINQ** to **Entities**, **LINQ** to **Dataset** to collaborate the domain and integration objects with the view objects.
* Developed **T-SQL** queries to fetch data as per the business requirements with proper tuning techniques.
* Worked with **Telerik** RAD Controls to develop rich interactive engaging User Interfaces.
* Responsible for writing stored procedures in **T-SQL** for backend communication.
* Implemented Unit Testing, Integration Testing and System Testing.
* Used **TFS** (Team Foundation Server) for source control.
* Used **ADO.NET** and its components **Data Reader**, **Dataset**, Connection and **Data Adapter** to access the SQL database.
* Followed **3-Tier** Application Architecture to ensure flexible and reusability of the application.
* Used **Ajax** (Asynchronous JavaScript and **XML**) for calling server-side code from the client side to avoid complete page post-backs, making the process faster.
* Involved in developing **Web Services**, invoking them using **XML SOAP WSDL** tool for creating proxy classes.

**Environment** :

.NET 3.5, Visual Studio 2010,WebForms,SQL Server 2008, C#, JavaScript, Web Services, AJAX, ADO.NET,T-SQL, XML, HTML, CSS, Crystal Reports,CVS.

**Education**

* Bachelor's Degree in Computer science - India
* Masters in Computers Information Technology -USA