**Komal**

**(609)-614-0558**

[komal.net810@gmail.com](mailto:komal.net810@gmail.com)

***9+*** *Years of Professional experience in development, implementation and testing of* ***N-Tier Client/Server Web*** *and* ***Windows*** *based applications using* ***Microsoft .NET Framework*** *2.0/3.0/3.5/4.0/4.5. and* ***SQL*** *server with* ***Agile*** *and* ***Waterfall Methodology****.*

**Professional Summary:**

* Strong hands on the **Microsoft .Net Framework2.0/3.0/3.5/4.0/4.5** developing **Win Forms, Web Services, Win Services, Web Pages** using **ASP.Net 4.5/4.0/3.5/2.0/1.0, VB.Net, Visual Studio VB Script C#.Net, ADO.NET, ASP, JavaScript jQuery, Angular JS, Master pages, HTML, DHTML, XML, XSLT, Silverlight, LINQ, Ajax,** and **SQL Server SSRS.**
* Have very good experience in Domain knowledge of **Financial, Healthcare, Insurance, Banking, E-commerce, B2B and B2C** applications.
* Strong in Object Oriented Analysis and **UML** concepts, Designed Applications using **UML and Use Cases and Design Patterns, Agile Methodologies.**
* Extensive experience in architecture, design and development of Client-Server and Distributed Web Applications with **ASP.NET MVC 5.0**, 3-Tire and N-Tire Architecture.
* Strong Knowledge on **Front end Technologies** using **HTML5, CSS3, Bootstrap, JavaScript, jQuery, angular 1.X/2.X, knockout JS, Razor view.**
* Extensively worked on of Windows Presentation Foundation **(WPF)** which provides developers with a unified programming model for building rich Windows smart client user experiences that incorporate UI, media, and documents in Windows using **XAML**.
* Experience in designing **Master Pages** while creating the web application and used Cascading Style sheets for a unified look of the application.
* Solid work experience in designing and developing **Web API, WCF, and Web Services.**
* Experience with Application Blocks such as **User Interface** Application Blocks, **Log4Net** and Database Application Blocks, Entity framework, **MVC**, **MVVM** design Pattern.
* Experience in building **SILVERLIGHT 4.0 applications** using .NET. Involved in building a rich web experiences using **SILVERLIGHT and JavaScript.**
* Have Knowledge in XML related technologies like **XML/XSL, XSLT, XML Schema, DOM, SAX, SOAP, WSDL, Web-Services, and VBScript**
* Used **ASP.NET** features **Web Forms, State Management, Caching and Security.**
* Experience in developing and consuming Web Services and related technologies like **SOAP, REST, XML, WSDL and JSON.**
* Experience in designing and developing Databases in **SQL Server 2014/2012/2008** which includes the development of **Stored Procedures, User Defined Functions and Triggers** using **Transact SQL.**
* Experience in using Windows Communication Foundation **(WCF)** in a self-hosting mechanism, implementing the Service-Oriented Architecture **(SOA)** 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 and Just in Time manner.
* Experience working in SQL Server Integration Services (**SSIS**) packages to extract, transform and load data from different databases.
* Experience in generating **Custom Reports** and different types of Tabular, Matrix and distributed reports in multiple formats using Crystal Reports and SQL Server Reporting Services (**SSRS**).
* Expertise in building **Web Services** using **WSDL, UDDI** and **SOAP** Protocol and consuming/publishing **Web Services**.
* Hands on experience in designing applications using C# advanced concepts like **delegates**, **exception handling**, **generics**, **events**, **lambda expressions**, **LINQ**.
* Integrated with Microsoft PowerShell - **Entity Framework**, **MongoDB, ASP.NET Membership, SQLite, O Data, etc.**
* Expertise in designing and configuring security for **.NET framework applications** and implementing **Code Access Security, Authentication, Authorization, Membership, Role and Profile providers.**
* Provide consulting and **cloud architecture** for premier customers and internal projects running on **Microsoft Azure platform** for high-availability of services, low operational costs.
* Experienced in using Configuration Management, setting up company Version policies, build schedule using **Team Foundation Server (TFS)** and **Visual Source Safe (VSS).**
* Worked extensively with **Sitecore 6.6 Content Management System CMS**.
* Hands on Experience in preparing the developed programs including **Unit testing** with **N-Unit** for ASP.NET Web Forms.
* Experience in Integration testing, writing **Test cases**, **Test plans**, **generating Test scripts**, **Bug analysis** and fixes.
* Experience in using version controlling using **TFS**, **GIT** and **SVN**.

**Technical Skills:**

|  |  |
| --- | --- |
| **.NET Technologies** | ASP.NET 1.1/2.0/3.5/4.0/4.5, ADO.NET, AJAX, Classic ASP, ASP.net MVC, LINQ, Entity Framework, Angular JS, ADO.Net Entity Framework 6.0 |
| **Languages** | C# .NET, VB.NET, Visual Basic, C, C++, Java |
| **Web Technologies** | HTML5, DHTML, XML, XSLT, XSD, WSDL, XAML, JSON, SOAP, CSS, Web forms, Web Services, Win forms, WCF, WPF, MVC, Silverlight 2.0/3.0, XSLT, WSDL, UML |
| **Scripting Languages** | JavaScript, jQuery, Visual Basic Script |
| **Databases** | SQL SERVER 2008/2005/2000, Oracle11g/10g/9i/8i |
| **Framework** | Microsoft.Net Framework 1.0/1.1/2.0/3.0/3.5/4.0/4.5,4.5.1 |
| **Operating Systems** | Windows 98/NT/2000/XP/Vista/Windows7/ Windows 8/8.1. |
| **IDE** | Visual Studio 2003/2005/2008/2010/2012/2013, Visio |
| **Web Servers** | IIS (Internet Information Server)5.0/6.0/7.5 |
| **Testing Tools** | Microsoft Visio 2003, N-Unit |
| **Reporting Tools** | SQL Server Reporting Services (SSRS) 2008/2005/2000 |
| **Methodologies:** | Client/Server Architecture, N-tier application architecture, OOA, Prototyping, Process Models, Systems Integration, SOA. |
| **Version Control** | Visual Source Safe 6.0, Team Foundation Server, Tortoise, Git |
| **Cloud Platforms** | Microsoft Azure, Office 365 |

**PROFESSIONAL EXPERIENCE:**

**Client: Thermofisher Scientific. Jun 2016- Present**

**Location: Pittsburgh, PA**

**Role: Sr. NET Developer**

**Description: Thermofisher Scientific** is the biotechnology product development company. It also a leading service provider in the sales and distribution of the medical and laboratory components. Thermofisher Scientific mainly supports to accelerate the life sciences research, improve patient diagnostics and increase laboratory productivity. There are multiple brands which are accumulated like Thermo Scientific, Applied Biosystems, Invitrogen, Fisher Scientific and Unity Lab Services which offers the combination of innovative technologies.

**Responsibilities:**

* Involved in Software Development Life Cycle **(SDLC)** such as Analysis, Design, Development, and deployment, production support of a .Net application.
* Developed the cloud-based workflow applications using **ASP.NET 4.5 and MVC 5/4 with Razor syntax, C# 5.0/4.0, NET 4.5, SQL Server 2017, AJAX, jQuery, and AngularJS**
* Developed a responsive and professional User centric web application which supports desktop browser and mobile device form factors using **HTML5, CSS3, JS, jQuery, Bootstrap and Angular.**
* Used **Hibernate**, **WPF** to communicate between DAL and other business components.
* Developed the web application using **C#.NET, ASP.NET, ADO.NET**, and **SQL Server**.
* Used **ADO.NET** objects such as **Data Reader**, **Dataset** and **Data Adapter**.
* Cutting edge **UI** development using various tools such as **Telerik** and **Bootstrap.**
* Involved in development of **Web Forms**, classes using **MVC** that incorporates both N-Tier Architecture, and Database Connectivity.
* Developed Business Tier using **C#** to implement classes and methods for business logic.
* Used C# advanced topics like **Delegate commands** to handle the events at the client side on to the Silverlight pages and also created **Generic collection classes** for handling the data into the drop downs.
* Worked on **.NET Security features** such as **Authentication&Authorization**, Forms-based Authentication, Authorizing Users, Authorizing admin, Roles and User Account Impersonation, tracing.
* Used various **Asynchronous event handlers** to communicate between different view models.
* Used **Entity Framework** Code First approach for the Data Access Layer for the **ASP.NET MVC 5.0** application.
* Implemented Data Access Layer using **Entity Framework and LINQ.**
* Created and maintained database objects like complex Stored Procedures, Cursors, and Tables, Views, User Defined Functions, in **SQL Server 2017** for inserting/Updating/Deleting the data into the relational tables.
* Developed various stored procedures for the data retrieval from the database and generation of different types of reports using **SQL** reporting services **(SSRS)** and **SSIS**.
* Responsible for making **AJAX** Calls for the UI Interactions to the Controller Actions using **Angular JS** and getting the Data back as **JSON** and parsing it onto the **UI**, used Ajax on server controls to avoid page post back and page flickering.
* Developed **Web API** Framework to build the **HTTP** Services and used Postman to test the **Web API**.
* Created **WCF Service** to retrieve and send information from client side without Post Back and consuming existing Web Services using SOAP, HTTP and WSDL.
* Developed **Active-X component in Visual Basic 6.0**, to transfer large amount of file data from client machine to central server using FTP.
* Designed and developed scalable enterprise **RESTful web services** using **Node.js**, **MongoDB**
* Configure Azure cloud service for end point deployment and deploy services on **Azure cloud.**
* Developing the Documentation for **testing** and **testing the application** for performance issues and **data integrity, used N-Unit and integrated into Team Foundation Server TFS**for testing this application.

**Environment: Visual Studio .Net 2012/2013, C#, MS SQL Server, IIS 7.0, Microsoft Team Foundation Server, ASP.NET MVC 5, HTML5, CSS3, Rest, TFS, PSQL, JavaScript, JSON, jQuery, Bootstrap, O Data, Stored Procedures, XML, Data stage 8.1.**

**Client: FHL Bank Dec 2014-May 2016**

**Location: Dallas, TX**

**Role: Sr. NET UI Developer**

**Description:** Federal Home Loan Bank support housing finance and community investment. With their members, the FHL Banks represents the largest collective source of home mortgage community credit in the United states. Worked on internal application which deals with processing customer Mortgage loans.

**Responsibilities:**

* Designed and developed Web Pages using **ASP.NET, C#.NET, HTML**, **JavaScript**, **Bootstrap**, **AJAX**, **jQuery,** and **CSS**.
* Developed secure login interfaces with **ASP.NET** Server controls.
* Designed and developed Hybrid-Single Page Application using**C# 5.0,**.**NET Framework 4.5, ASP.NET MVC 5,**and**AngularJS 1.5**
* Developed Server side and Client-side code using **ASP.Net**, **jQuery** and **JavaScript**.
* Designed and developed applications using **VB.NET, ASP.NET** with **ADO.NET**, and **SQL 2008**.
* Used Validation Controls for corresponding validations required for business logic in **Web Forms**.
* Designed and developed user interfaces using **ASP.NET MVC Partial Views** and multiple interfaces to transfer the data into different server.
* Coding the presentation layer using **WPF** and service layer using **Windows Communication foundation** technology.
* Developed Custom Controls and User controls for reusable part of the web pages using **C#** with **ASP.NET.**
* Written the business logic in classes using **VB.NET / C#.Net** language and used in **Web Forms.**
* Create Database(s) on SQL **AZURE,** worked on **J-Query**/**JSON** for the retrieval of data.
* Utilized **C# generics**, delegates, events, extension methods, anonymous types, and lambda expressions.
* Used Entity Framework Code for the Data Access Layer in the **ASP.NET MVC 5.0** application using **HTML5**, Razor view and used **LINQ** to Entities, LINQ to Dataset to get the data from the backend.
* Created and deployed Web Services using **ASP.NET** and **C#.Net**, and generated the proxy class files based on the web services to consume in web application.
* Extensively used **ADO.NET** objects like **SQL Data Access**, **SQL Data Reader** and **DB2 SQL.**
* Extensively used **BI/ETL (SSIS & SSRS/MRS)** tools to transfer data between two different systems and to generate reports.
* Developed database objects such as tables, views, stored procedures, triggers and user defined functions for database operations in **SQL Server 2015**.
* Developed Windows Communication Foundation **(WCF)** and consumed Web Services as well as Restful Services as well as Consumed**Web API RESTful** for building Service-Oriented Application hosted by **IIS**.
* Responsible for testing, fixing the bugs and troubleshooting the technical problems.
* Developed **Test-driven development (TDD)** and Involved in testing like **Unit test**, **Integration test**, **Acceptance test** and **Regression testing** using **N-Unit** and responsible for writing test scripts and scenarios.
* Maintaining the Source code using **TFS** in a multi developer environment.

**Environment:** **ASP.NET 3.5/4.0, C#.Net, ADO.NET, JavaScript, Angular JS, CSS, Bootstrap, HTML, IIS 6.0, LINQ, OOP, XML, VB.NET, TFS, TDD, N-Unit, AJAX, WCF, WPF, O Data, Entity Framework, jQuery, JSON, MVC, SOA, SQL Server 2008, SSRS, SSIS, WinForms, HTML.**

**Client:** **New Century Health Jan 2014-Nov 2014**

**Location: Miramar, FL**

**Role: .Net Developer**

**Description:** **New Century Health** has major campuses in Miramar FL and Brea CA. To inspire hope and contribute to health and well-being by providing the best care to every patient through integrated clinical practice, education and research. The Project eConsults benefit patients by eliminating the need for a second visit, in most cases. It benefits referring care providers by allowing the care management to stay within their control.

**Responsibilities:**

* Developed Application using **.NET Framework 3.5/3.0, Object Oriented Principles (OOP) (C# and VB.NET), and n-Tier Architecture.**
* Implemented **Agile Methodology** or the project which involved daily scrums.
* Developed Application layer using **ASP. Net, Server controls, HTML Controls, Data Grid, Data List and Validation controls.**
* Designed Graphical User Interface **(GUI)** for various web pages using **Angular, CSS, JavaScript.**
* Designed the responsive layout of the **Website**, **Modal Login Page** by using **Bootstrap**.
* Worked on **AJAX** controls like Update Panel to manage the post back of the web page to server, AJAX Script Manager and Script Manager Proxy controls to register **JavaScript** and web service files.
* Converted .Net application to **Microsoft Azure** Cloud Service Project as part of cloud deployment.
* Configured the application using the **Web.Config** file for setting Security, Error handling, Session State and other issues
* Developed DAL using **LINQ** Data context object with **ADO.NET** Entity Framework for LINQ, invoked DB tables and stored procedures and Implemented LINQ Lambda Expressions to query in memory expression.
* Experience in template-based web programming using **Master Pages**, **Themes**, **Style Sheets,** and **Skins**.
* Implemented **DAL** using **ADO.NET** components like **Data Set, Data Provider and Data Reader** to store and retrieve database information.
* Created packages to import Flat File and **CSV** file Data into SQL SERVER using **SSIS.**
* Implemented Role based **Forms Authentication** for external Users and **Windows Authentication** for Internal Users using the membership and role provider.
* Involved in **Unit testing**, **Modular testing** and successful integration of modules and multiple layers in the system.
* Used **TFS** for source code control, project related document sharing and team collaboration.

**Environment: Visual Studio 2015, ASP.NET, C#, ADO.NET, Visual Studio 2008/2005, SQL Server 2008, T-SQL, ADO.NET, SSIS, .NET Framework 3.5/3.0, AJAX, XML, JavaScript, Win forms, Web Service, WCF, XAML, HTML, LINQ, IIS 7.0/6.0, N-UNIT, Agile Methodology, TFS.**

**Client: Western Union April 2012- Dec 2013**  
**Location: NY**

**Role: Senior. Net Developer**

**Description: The Western Union Company** is an American financial services and communications company. Western Union has several divisions, with products such as person-to-person money transfer, money orders, business payments and commercial services. The application is a single client server executable, using various third-party controls and Crystal reports 10 for reporting.

**Responsibilities:**

* Involved in the Analysis, Design and Development of secure dynamic web application using **ASP.NET**
* worked on all **3 tiers** of the application facing key challenges on Business and Database layers.
* Designed and Developed **MVC Controllers** and Action Result methods for Controllers.
* Designed and Developed Views for the UI using **Razor** Syntax.
* Wrote **Java Script, jQuery** validations for efficiently validating the web form data.
* Involved in using all the best features of **ASP.NET** including Dataset, Data View and Data Adapter.
* Used **JQUERY** for client-side validation, making **Ajax** request to server and displaying data in the table format.
* Implemented Web Applications like **Caching Services** to boost performance and **Security Services** to identify users and prevent unauthorized access.
* Used **Global.asax** files to handle **Global Events** which are fired for different reasons.
* Implemented **XML** web services using **C# and ASP.NET** and developed code behind classes and reusable components in **C#.**
* Developed **WCF web services** for secure communication with server from client side in c#.
* Developed the Entities needed for the Database tables using **Entity Framework**.
* Developed Queries for Views, User Defined Functions, Stored Procedures, and Triggers using **T-SQL** Statements.
* Created SQL Server Integrating Services **SSIS** Reusable packages to extract data from **XML, XSLT** files into Database Systems.
* Assisted in the design and development of **reports** in SQL Server using **SQL Server Reporting Services SSRS**.
* Designed and Developed Unit and Integration test cases using **N-Unit** and **MOQ** Framework to identify and resolve integration, functional and usability issues before deployment.

**Environment: ASP.NET MVC 4.1, C#, SQL Server, Telerik UI controls, Fluent Validation, WCF, T-SQL, TFS, AJAX, JavaScript, HTML, IIS, ADO.NET, JQUERY, N-Unit, MOQ, Crystal Report, SSIS.**

**Client: Guardian Life Insurance Oct 2010-Mar 2012**

**Location: Princeton, NJ**

**Role: Sr.Net Developer**

**Description:** Guardian Life Insurance Company of America and its subsidiaries sell life, long term care insurance, disability income, group medical and dental insurance products, and offer 401(k), annuities and other financial products. ACT (Agency Compensation Transformation) Initiative project intends to replace the existing FAS mainframe system and Agency Accounting interfaces that will offer Guardian expanded IT capabilities.

**Responsibilities:**

* Working in an **Agile Environment** to deliver higher-quality software far more rapidly.
* Enhanced and developed **UI functionality** using **ASP.NET**, **HTML**, **XML** and **XAML**.
* Responsible for **IIS setup**, **SourceSafe setup**, conversion of legacy **ASP code** to **.NET**.
* Developed web pages using **ASP.NET 4.0** web form controls, Custom user Controls, **HTML server controls in C#**.
* Created **CSS Stylesheets** to be applied to various **web forms** on the **web pages**.
* Created **JavaScript** for **Rich UI development** utilizing bootstrap & cross browser compatibility.
* Designed and Developed **Web Services** using **WCF** to synchronize data from Remote application database to Online Database using **C#.Net, ASP.Net** and **Visual Studio.Net**.
* Developed server-side Validations for the View Models using **Fluent Validation**.
* Used **Hibernate**, **WPF** and **WCF** to communicate between DAL and other business components.
* Used **LINQ** along with ADO.Net for data retrieving, querying, storage and manipulation of different data sources like **XML, SQL**.
* Used **Team Foundation Server** to version control the code and various artifacts.
* Used **Crystal Reports** for reports generation.
* Used **AJAX Controls** to increase the responsiveness of the web application, used **AJAX Toolkit** for user Interface Development.
* Created New **SQL Server 7** stored procedures using **T-SQL**

**Environment: Visual Studio.NET 2010, VB.NET, VB6, JavaScript, Bootstrap, ASP.NET, WPF, WCF, ADO.NET, HTML5, CSS3, LINQ, XML, XAML, SQL Server2005, Visual Source Safe, Windows Server, Web Services, Web Forms, CSS, SOAP.**

**Client: Food World Group Aug 2009-Sept 2010**

**Location: Bangalore, India**

**Role: .NET Developer**

**Description: Food world group** operates a chain of supermarket stores in India. Worked on developing company website, where exposing all existing products to customers. Used Asp.net, C#, SQL, Ado.Net

**Responsibilities:**

* Involved in the full life cycle of this project (**Analysis, Design, Implementation,** and **Testing**).
* Created **OOPs** objects like Collections, Interfaces implementations using **C#** **Generics** **(System. Collections. Generic)** for extracting data from database.
* Involved in **POC** (Proof of Concept) phase for design **WCF** service for connecting frontend interface and backend database and redesign **SQL** server database.
* Designed and developed **XML web services** for distributed architecture.
* Created **Web Services, SOAP, XML, XSL** to expose the reports to facilitate information sharing.
* Involved in **Agile** **Methodology**, **Test-Driven Development,** and **SCRUM**.
* Designed/Developed Desktop Application using **WPF**, **XAML,** and **Expression blend**.
* Built new version of the module on **Silver light** frame work.
* Extensively used **SQL Connection, SQL Data Adapter, Dataset, Data Table** to access the database and **Grid Views, Data Lists and Repeater controls** to the display the data.
* Written **Stored-Procedures, Triggers**, and user defined functions in **SQL** to carryout database operations.
* Work with version controller (**Team Foundation Server)** to maintain history of source-code and project documents.
* Used **GIT (GIT Hub)** for versioning.
* Involved in **System testing, Integration testing** in development environment and ensuring application is according to specifications.

**Environment: C#. Net, ASP. NET (2.0), Visual Studio 2005, ADO.NET, Windows Services, Web-Services, JavaScript, VBScript, XML, XSD, HTML, DHTML, SQL Server2005, IIS 6.0, Team Foundation Server (TFS), CSS, Windows XP.**