**VISHAL J Email: kalki@keypixelusa.com**

**.Net Developer Phone no: 732-737-9945**

**Summary:-**

* Over 7+ years of total IT industry experience in design, development, coding and testing of business/commercial applications.
* Experience in implementing complete Software Development Life Cycle (**SDLC**) for various applications including Analysis, Design, Development, Implementation Testing, Maintenance and Support.
* Experience in developing web applications using **C#, ASP.Net, ADO.Net, WCF, WEB API, XML, SOAP, Web Services, ASP, JavaScript, HTML, Telerik Ajax Controls, Kendo UI, jQuery, jQuery UI, Angular, HTML5, CSS3, SASS, Bootstrap and AJAX.**
* Well versed with Agile, Waterfall and Iterative methodologies of development.
* Extensive Experience in Working with **ADO.NET, Entity Framework**.
* Strong Experience in workng with **.Net Framework** and **.Net Core** applications.
* Experience in building and consuming ASP.NET **Web APIs** and **WCF Services.**
* Experience in **QA and unit testing, acceptance and integration testing**.
* Developed Single Page Applications **(SPA)** framework for creating efficient and interactive web applications that work across all popular browsers using Angular framework.
* Designed **GUI using ASP.NET, HTML, CSS,** and **JavaScript** as per the detail level design documents.
* Experience in developing ASP.NET Web customs controls, user controls, Data Controls like Data Grid, Rich UI with extensive use of ASP.NET AJAX, AngularJS, Bootstrap and jQuery.
* Extensive experience in using the **OOPs** (Object Oriented Programming) concepts.
* Rich experience in using Object Oriented Design Patterns like **Singleton, Dependency Injection, Factory.**
* Developed applications using **WCF** (Windows Communication Foundation) REST/SOAP services, Web Services and Web API.
* Identified root cause for issues and developed workarounds or permanent fixes.
* Involved in use of Angular 2.0 technologies to include, Node.js, LESS and additional technologies to ensure current migration from AngularJS to Angular 2.0.
* Strong experience in data retrieval and manipulation using **ADO.NET** data objects such as Dataset, Data Reader, Data list, Data Adaptor.
* Expertise in using Architectural Design Patterns like **MVC**.
* Interpreted analysis and implemented design solutions to meet requirements.
* Good exposure in working with **SQL Server Integration Services** (SSIS).
* Investigated and resolved application functionality related issues and provided support and troubleshooting as needed.
* Experience with Git, **P4V** and Microsoft Team Foundation Server (**TFS**) for Code Repository, Deployment and Version control.
* Strong analytical and problem-solving skills coupled with excellent written, verbal, and interpersonal communication skills. Willing to relocate anywhere.

**Technical Skills:-**

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| **Programming** | ASP.NET, ASP.NET Core, C# (4.5), VB.NET, WPF, WCF, LINQ, PL/SQL |
| **Frameworks** | MVC. |
| **IDE** | Visual Studio 2012/2015/2017/2019, SQL Server Management Studio. |
| **Reporting Tools** | SSIS, SSRS, Microsoft Reporting Services, Crystal Reports. |
| **Web Technologies** | ASP.NET MVC,HTML, HTML 5, CSS/CSS3, JavaScript, JSON, Angular, JQuery, Ajax. |
| **Web server** | IIS 5.1, IIS 6.0, IIS 7, HTTP Web Server. |
| **Database** | SQL Server 2008/2012, MS Access, Excel 2007. |
| **Version Control** | Visual Studio 2000 Team System,TFS, GIT, Perforce. |
| **Operating Systems** | Windows 2000/XP/Vista/7/8/10, UNIX, Mac OS X. |

**Professional Experience:**

 **Nov 19 – Present**

**Client : Blue Cross Blue Shield, Jacksonville, FL.**

**Role : .Net Developer.**

**Description :** Integrate new functionalities to modify existing software application which maintained Customer/Account relationship, Transaction and Account Management and Funds Transfer functions. Customer can perform operations on all their account types. Real-time payouts card account activation, and enables companies to pay, and recipients to get money, when, where and how they want.

**Responsibilities:**

* Designed and implemented different generic utilities using C# which is used across application.
* Created generic repository interfaces to wrap up entity framework classes.
* Worked on **JQuery** for client-side validations and client-side scripting.
* Created different business classes and interfaces using .NET Framework 4.0/4.6/4.7 and .Net Core 2.0 with Object Oriented Programming Methodology.
* Designed the **Web UI** using ASP.NET, JavaScript, AngularJS, Web Forms, and AJAX controls and validation controls.
* Created **XSLT utility** component project which can be used across application to replace object mapping.
* Used technologies provided by .NET Framework including ASP.NET, ADO.NET using SOAP and data manipulation using XML. Design of multiple web APIs, Design of messaging queues with RabbitMQ.
* Created **JavaScript modules** to be used with Bootstrap to speed up development and include responsiveness to the page.
* Created **Web APIs** using ASP.NET Web API allow new web/client projects to leverage reusable data.
* Developed Http get, posts call and pass data using Http Post.
* Created different **WCF** services along with WWF to orchestrate the data from multiple sources.
* Created **MSI** Packages using WIX to generate MSI Build to deploy WCF services on IIS.
* Used **SVC** Utility inbuilt tool to generate services and deploy the same on UDDI server.
* Created different **XSD’s** for both service request and response payloads.
* Developing Database Objects Functions, Stored Procedures, Views, Triggers and Cursors using MS SQL Server.
* Designed and created different orchestrations to handle data flow across multiple data sources.
* Did **POC** on converting existing **WCF services to REST.**
* Project Migration to .Net Core applications.
* Implemented failover process using func delegates to support business continuity.
* Converted .NET applications to latest version and fixed runtime issues associated with it.
* Created error handling utility mapping which is used as a part of common component across application.
* Involved in writing unit test cases for the .Net code using various **Moq** and **Nunit** Frameworks for code coverage and performance analysis of the code.

**Environment: .**Net Framework 4.0/4.6/4.7, C#.Net, .Net Core 2.0/3.0, HTML5, CSS3, MVC, JavaScript, Bootstrap 4, jQuery Visual Studio, WCF, WWF, WEB API, REST, SQL SERVER 2012, RabbitMQ, PerforceP4V, Confluence, Splunk, Entity Framework 5.0.

**Client : AvidXchange Inc, Charlotte, NC. April 18–Oct 19**

**Role : .Net Developer.**

**Responsibilities:**

* Implemented **ASP MVC5.0/4.0** framework for the development of the application.
* Design and Develop applications from scratch using **ASP. NET MVC 4.6, ASP.NET Core 2.1, C#, WCF, WEB API, XML and SQL Server 2012.**
* Developing and Consuming Web Services using **REST** and Windows Communication Foundation Services **(WCF)**.
* Used **Angular JS** in order to set the data ready for the customers belonging to P&C rather than pulling it from the database every time.
* Services for communicating with other application and components.
* Use **HTTP POST and HTTP GET** to restrict MVC actions to be invoked by post or get depending on the action.
* Experience in working with client side scripting like **JQUERY** **Selectors, Events, JQUERY UI, PlugIns** and **AJAX** etc.
* Used LINQ to Entities, LINQ to Dataset to get the data from the backend and developed the application in **C#.NET** using Object Oriented Programming.
* Created numerous methods for updating underlying data using **ADO.NET** Data View’s and Dataset's Update-Delete-Insert functions.
* Enhanced user experience by designing new web features **using MVC Framework- Angular.js.**
* Developed & deployed Web services **WSDL** and windows services in **C#.**
* Created different classes and interfaces using .Net Framework4.0 with Object Oriented Programming Methodology.
* Responsible in developing single page applications using Angular also Used UI-Router, Directives in the application.
* Extensively used **XML** and **JSON** Serialization for transferring the data.
* Experience in working with collections using collections, LINQ and Lambda Expressions.
* Involved in writing unit testing using **Nunit** Framework.
* Identified researched, Investigated, analyzed, defined and documented business processes.
* Involved in enhancing the business layer to provide more interfaces and functions needed for the system.

**Environment: .**Net Framework 4.0/4.7, .NET Core2.0, C#.Net, Visual Studio 2015, WCF, WEB API, REST, SQL SERVER 2012, TFS, JQuery, Angular JS, JavaScript, Confluence, Splunk etc.

**Client : United Airlines, Chicago, IL. Jan 16–Mar 18**

**Role : .Net Developers**

**Responsibilities:**

* Involved in the SDLC phase of requirement analysis, design, and development of the web based intranet application tool using **ASP.NET 4.5** and **C#.**
* Extensive experience in architecture, design and development of Client-Server and Distributed Web.
* Implemented **ASP.NET MVC** pattern mechanism to display product catalogs and categories.
* Created new reports in **Crystal reports 9.0** to generate Distributor payment details and list according to last suitability updated date.
* Graphical User Interface (GUI) was designed using ASP.NET and the business logic was coded in C#.
* Implemented **SSO** (Single Sign On).
* Developed core functionality with the ASP.NET MVC Framework (C#.NET, ADO.NET).
* Implementation of client side validations using JQuery and ASP.NET MVC Validation implemented at Controller level.
* Implemented **N-tier** architecture for the application development with Presentation Layer (UI), Data Access Layer (DAL) and Business logic layer (BLL).
* Developed various web services which can be consumed by UI application and other systems.
* Used Session Objects, Cookies to store the application state.
* Used **ASP.NET, HTML5** and **CSS3, Bootstrap** to design the presentation layer of the website.
* Installing/ Configuring SQL from source or packages on Linux machines.
* Database administration, maintenance, and schema design for MS SQL Server.
* Responsible for maintaining the reporting, billing, and invoicing databases.
* Installed, Upgraded and maintained Oracle, MS SQL Server and databases.
* Prepared various test cases to fix the bugs and ensure the application error-free.
* Used .Net Framework class library to build user interface that separated application logic from presentation code using code behind pages.
* Used **Windows Communication Foundation (WCF)** for multiple services to interact with the application for the clients.
* Used j-**query** and JavaScript to call different static web methods to perform UI validations.
* Used **Master Pages** to provide a unified look and feel to the application.
* Created **ASP.NET validation controls** and JavaScript validations to enforce validations.
* Used **Grid View, Data List** to display and manipulate data in ASP.NET Web Forms.
* Developed **stored procedures, Views** and, **SQL scripts** for database maintenance, deployment and installation.

**Environment:** Visual Studio 2015, .Net 4.5, C#, ADO.Net Entity framework, JQuery, HTML, ASP.NET 4.0, WCF, LINQ, SOAP, CSS, AJAX, XML, Web Forms, Typed Datasets, User Controls, Custom Controls, MVC, IIS 7.0, SQL.

**Client : Ayansys Solutions Pvt. Ltd. Mar 13– July 15**

**Role : .Net Developer**.

**Responsibilities:**

* Designed and developed Software Development Life Cycle (**SDLC**) from analysis and design to implementation with .Net Technologies.
* Developed front-end for **ASP.NET** web applications using responsive web pages with Bootstrap.
* Created MVC application using **C#**, MVC, Bootstrap, HTML5, CSS3, and SQL Server 2012.
* Created service layer using **Web API** to communicate with database server Developed Partial Views in **MVC** to reuse master menu across pages.
* Wrote various abstract classes, interfaces, classes for ASP.NET environment to construct the business logic using **C#, ADO.NET** and **SQL**.
* Involved in redesigning of the Services Layer from SOAP to **RESTful** services using Web API.
* Used **ASP.NET MVC** framework to support the use of Dependency Injection to inject objects into a class, instead of relying on the class to create the object itself.
* Wrote test cases for integration testing and **unit testing** using NUnit test.
* Followed agile methodology with daily scrum meetings and providing user story updates.
* Utilized **TFS** as a Source control for checking the code, branching and merging.
* Created **CSS3** background, Layouts, Positioning and Text, Border, Elements, Behaviors and constants for reusability.
* Worked with **JIRA** as an ALM tool for the central view for user stories and the bug tracking.

**Environment:** ASP.NET, C#,HTML5, CSS3, jQuery, JSP, JavaScript, Ajax, Bootstrap, XML, XSLT, DOM, JSON, Visual Studio and Windows.

**Educational Qualification:**

**Masters of Science in Information Technology**

IGlobal University, Virginia, United States