**Raj (Certified Full Stack .NET Developer)**

**Sr. C# .NET Developer /UI Developer/ WPF/VB.NET/ Cloud Azure Developer (CMS-Kentico/Sitecore Experience)**

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***Professional Summary:***

* 8+ **years** of **IT** experience in **Analysis, Design, Development, Implementation** and **Testing of Web Based,**

**Client-Server** and **N-tier Architecture.**

* + - * Designed and developed the user interface, the cost benefit summaries module and the printing module of application using **JavaScript, JQuery,JSON, AJAX, HTML/HTML5** and **CSS/CSS3** that helped stored operators to execute sales orders more efficiently.
* Profici/ency in Software Development Life Cycle **(SDLC)AGILE** methodologies of development process such as requiremnet analysis & definition, designing, coding, and implemention.
* Hands on expience in design using Object **Oriented Programming principles** like **Inheritance**, **Poloymorphism** Design patterns like**Singleton, MVC 3.0**
* Expertise in using **ADO.NET** objects such as Connection Object, Command Object, DataReader Object, DataSet Object,Data Adapter Object.
* Expertise in web programming with hands on experience on using **Custom Controls, Master pages, Themes**and Validation Controls.
* Experince in using **ASP.NET AJAX, VB.Net** framework for quickly creating efficient and interactive webapplications that work across all papular browsers.
* Customized many features throgh **JQuery** and **JS** and heavy **DOM** manipulations as per the client requirement.
* Experience in **Windows Applications**.
* Being doing single page Apps using **MVC** especially on **Angular JS.**
* Expertise in using **angular JS**.
* Good exertise in using responsive web design, React JS, handlebar JS.
* Developed the admistrative UI using Backbone JS and Marionette JS.
* Experince in **Classic ASP applications, JSON and VB6 scripting**.
* Experience in Windows Workflow Foundation **(WWF).**
* Worked on Sitecore Sheer UI to create **Sitecore** applications.
* Experience in Content Management Systems, such as**Kentico.**
* Experienced in **Sitecore CMS** Solutions to design .Net application features.
* Expert level experience in **SQL Server 2014/2012/2008/2005/2000,Tables, Views, User Defined Functions, Stored Procedure, cursors,Transactions and Triggers.**
* Extensive Experince developing application using **Silverlight** and **WPF** development including front end designing in MicroSoft Expression **Blend &XAML**.
* Good expereince on PRISM, UNITY, Entity Framework.
* Experience in Ruby on Rails in developing user friendly and effective web based apllications.
* Experience in development and implemetation of **Windows Communication Foundation(WCF),** and also responsible for developing WCF based Service, Data, Fault and Message Contracts.
* Experince in **.NET Framework 4.0/3.5/3.0** with **WCF, Silverlight 4.0/3.0/** and **LINQ.**
* Proficiency in using **Silverlight** to develop web applications with **rich graphics, user interaction, multimedia, animations** and that can operate on all papular web browsers.
* Experince in using **Language-Integrated Query(LINQ to Objects, LINQ to XML and LINQ to SQL)** and retrieve data from different data sources.
* Experince in Design patterns like Singleton and **MVVM.**
* Experiece in working on **Web Services,SOAP/REST, WSDL, Database, Object Oriented Architecture, XML, HTML, DHTML, CSS.**
* Extensive experience in database programming usingSQL and PL/SQL following industry best practices.
* Performed **N-Unit Testing** for the piecewise testing wise testing of the applications.
* Experience in Configuration Management, setting up company version policies, build schedule using **Team Foundation Server** and **Visual Source Safe(VSS).**
* Knowledge of VSTO in generating reports in MS-Word and MS-Excel.
* Good experince with Reporting Tools like **SQL Server Reporting Services (SSRS).**
* Focused on architecting **NOSQL database** like Mongo, Cassandra and cache database.
* Good experince on Windows Azure and Azure SQL Server.
* Having experience Converting existing solution to Windows Azure Worker Role.
* Good Experince in using **Application Performance Management Tool(AppDynamics)**.
* Experience in using Telerik Controls.
* Experinced with D3.js.
* Excellent anlytical and interpersonal skills. Quick learner and good performer both in team and independent job environments. Proficient at grasping new concepts, applictions and technologies quickly and utilizing the same in a productive manner.

***Education:***

Bachelors in Computer Engineering.

Kakatiya University-India

***TECHNICAL SKILLS*:**

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| --- | --- |
| * **.Net Technologies** | * **ASP.NET 1.0/2.0/3.0/4.0, ADO.NET 1.1/2.0/3.5** |
| * **Languages** | * **C#.Net, VB.NET, C, C++, SQL, PL/SQL, T-SQL, VB** |
| * **Tools/Technologies/Patterns** | * **MicroSoft Visual Studio 2010/2008/2005, Team Foundation Server (TFS), WCF, WPF, NHibernate, LINQ, NUnit Testing MVC 3, Sitecore 6.5/7.0, Kentico.** |
| * **Web Based** | * **ASP, ASP.NET 1.1/2.0/3.0/3.5, AJAX, ADO.NET, SOAP, CSS, XML, XSD, XSL/XSLT, WSDL, HTML, DHTML, VBScript, JavaScript, Bootstrap, Backbone, Marionette JS, Angular JS, Knockout, MVVM, React JS.** |
| * **GUI & IDE** | * **Visual Studio.NET 2003/2005/2010.** |
| * **RDBMS** | * **MS SQL Server 2014/2012/2008/2005/2000, MongoDB Oracle 8i/9i/10G,MS Access** |
| * **Reporting Tools** | * **Crystal Reports 9.0/10.0/11.0/12.0, Microsoft SQL Server Reporting Services(SSRS)** |
| * **Web Server** | * **IIS 5.0/6.0/7.0** |
| * **Design Tools** | * **UML, Rational Rose, MS Visio 2003/2008.** |
| * **Version Contrloller** | * **TFS Visual SourceSafe, Sub Version/Smart SVN.** |
| * **Operating Systems** | * **Windows 2008/2003/2000/NT/XP/Vista, MS-DOS.** |

***PROFESSIONAL EXPERIENCE*:**

**Client: EC Infosystems, NYC, NY Apil 2015 – Till Date**

**Role: Sitecore Developer/.Net Full Stack Developer**

**Responsibilities:**

* As part of the development team, I was associated with the full life cycle the project**(Analysis, trading, design, development, testing and implementation).**
* Knowledge of secure integration architecture considarations around authentication and authorization protocols (SAML, OAUTH) and APIs against threats.
* Proficient with user authentication and autherization between multiple systems, servers and environments(cookie based authentication, OAuth, JWT).
* Involved in Undersanding Existing Applications and Reviewing, Requirements with Business Team and Implementing and Prioritizing the Tasks for Business Requirements using the **Agile and scrum** Methodology.
* Implemented Dependency Injection, Repository Pattern, Unit of Work and Mocking framework for Unit test of entire application.
* Unit Testing for all the modules by mocking different layers of the application.
* Effectively created easy to use, **reuseble controls** and integrated them into **ASP.NET Web** Pages.
* Utilized present and future industry trends and pactices to create SiteCore CMS Websites.
* Implement Sitecore architecture and develop custom **Sitecore controls** to facilitate client’s CMS needs.
* Experienced with Site infinity.
* Develops new page templates and functionality using a vriety of codes and scripts within Kentico CMS and ASP.
* Developed custom controls for integration with **Kentico CMS** that utilized its given API structure.
* Controlled overall look and feel of **VB.NET website** by defining **themes and skins** and applying them at page level as well as control level.
* Used **Backbone JS and Marionette JS** to create new, robust UIs.
* Effectively used master pages to create consistent layout for the **ASP.Net, VB.Net web pages** and merged them with content pages.
* Work experience as a project officer using **WWF.**
* Develeoped ASP pages using **ASP.NET web form controls, ASP.Net Ajax, C# and JQuery ASP.Net, MVC, HTML5.**
* Developed generic classes for the Business Layer and Data Access Layer using C#.
* Built a heavy front end using HTML/CSS/JavaScript on top of .NET MVC 3.
* Developed the user interface for back office support and worked collaboratively in Agile Scrum team on the design development of application based MVC framework using **Angular JS, HTML 5.0, CSS3.**
* Implemented **Angular JS** Controllers to maintain each view data.
* Implemented **angular services calls** using Angular Factory.
* Extensively used WCF service calls to get the data from session and database side into the Silverlight application.
* Implemented the SOA architecture using Windows Communication**(WCF).**
* Consumed web services (WCF) created by Rule server application.
* Designed several Sequential **Workflow Libraries(WWF)** for business logic by analyzing business requirement.
* Design resposive and intuitive user interface for the web using **XHTML/CSS** and both custom **ASP.NET**, **VB.NET, AJAX** Srcipts.
* Effectively used **ASP.NET** intrinsic state management functionality to store application-specific, session-specific and user-specific information between page requests.
* Effectively used **ASP.NET** security infrastructure for authenticating and autherizing user access as well as performing other security related tasks using **VB.NET.**
* Managed authentication using windows groups and using **ASP.NET, VB.NET** roles.
* Worked on **WCF Service, Operation, Data, Fault and Message Contracts.**
* Effectively used **JQuery** a concise **JavaScript Library** for traversig HTML document, Event handling and **AJAX** interactions.
* Experience in using Data Grid Controls to generate based on client requests (**Bootstrap and XML**).
* Development of cutting-edge application interface which take advantage of recent technologies like silverlight and WPF to deliver modern, intuitive user experiences.
* Created **ASP.NET Validations Controls** and **JavaScript** for the client side validations in the **Web pages and C#** code behind.
* Worked on integration of code behind web forms development in **VB.NET** with data access layer using **ADO.NET, PL/SQL procedure, SQL Server 2008.**
* Written JavaScript functions for client side code to implement different functionalities in events, validation and listeners.
* Evaluating Angular JS, Durandal and Ember JS as possible MV frameworks for the rewrite of our front end from flash to html.
* Designed and developed **Triggers, Tables, Views Functions and Stored Procedure for SQL server 2014**database.
* Experienced in managing MongoDB environment from availabiliy, performance and scalibility perspectives.
* Experience in developing application, automated scripts leveraging **MongoDB.**
* Development of spring Rest services interfacing backend systems SOAP/JMS.
* Converted .Net application to Microsoft Azure cloud service project as part of cloud deployment.
* Migrated SQL Server 2008 database to windows Azure SQL database and updating the connection strings based on this.
* Written and performed test cases using **NUnit, TSS(Test Support System)** tool to implement Test driven develoment to reduce bugs and created unit test cases before coding and then write code according to pass the test case.
* Responsible for utilizing **Amazon Web Services (AWS)** inthe application.
* Involved in creating various reports using **SSRS.**
* Performed **Unit Testing** and **Performance Testing**

**Environment:**AWS, .NET Framework 3.0, ASP.NET 3.0/4.5, MVC3, VB.NET, ADO.NET, Telirik Controls, SOAP/REST, HTTP, XML, XSLT, JavaScript, Bootstrap, Angular JS React JS, Backbone JS, Marionette JS,MVVM IIS 6.0, HTML, DHTML, CSS, AJAX, Kendo UI, C#, SQL server 2010, PL/SQL Stored Procedures, Windows Azure, Azure SQL Database, MongoDB, Visual Studio 2010, Sitecore 6.5/7.0/8.0 Kentico,SSRS, TFS 2012/2013, SharePoint 2013, OAuth.

**Texas Health and Human Services Commission (HHSC), Austin, TX Mar 2014 – Mar 2015**

**Sitecore Developer/.Net Stack Developer**

HHSC works to maintain and improve the health and human services system in Texas and to administer its programs in accordance with the highest standards of customer service. Worked on enhancement and maintenance of applications dealing with Claims Administrator functions, which supports Texas medical benefit programs

**Responsibilities:**

* Involved in gathering system requirements for the application.
* Responsible for designing and developing the Application using **ASP.Net MVC 4.5, Razor Syntaxes, Razor viewengine.**
* Participated in the analysis and design phase of the application
* Involved in planning and management of the project.
* Performed automated tests on the entire code using **Agile TDD.**
* Successfully performed **Integration tests** in a very well formed **Test-driven development environment.**
* Developed user interface screens **using ASP.NET, MVC, VB.NET.**
* Work experience as a project officer using WWF
* Used **AJAX** for **dynamic web pages**.
* Worked with **Model View Cotroller(MVC)** pattern to design layer.
* Created snapshots by using **WPF(Windows Presentation Foundation)** for requirement phase and used SQL Server Integrated Services(SSIS).
* Designing and developing rich application for web(ASPX/Silverlight) and Windows(WPF).
* Development of web applications for managing using **kentico CMS.**
* Used **Kentico CMS/EMS** for the development of ASPX Template method.
* Utilized present and future industry trends and pactices to create SiteCore CMS Websites.
* Developed, Coded and reviewed **SiteCore CMS** Web programs.
* Creating WPF/Silverlight applications using MVVM architecture.
* Developed custom controls and navigation using VB.NET and configured the catching policies.
* Analysis, Design and Development of core Financial Screens using ASP.NET, VB.NET.
* Development of UI and server side code(behind) using .Net Framework 3.5.
* Working on Work Items in **Team Foundation Server(TFS).**
* Developed, Configured and consumed Web Services in **C#.Net using WCF.**
* Extensively used **ADO.NET** to build query driven applications.
* Designed and coded **Win Forms** using **C#.NET.**
* Used **LINQ and WCF** to communicate between DAL and other business components.
* Extensively used **ASP.NET web controls, validation controls, data validation features for the UI.**
* Developed application logic using C#.
* Used **AJAX** for partial page updating, Invisible Data Retrieval, Constant Updating, Smooth Interfaces, Simplicity and Rich Functionality with **JQuery** and **JSON.**
* Extensive experince with Angular JS MVC framework including authoring complex direcives, services, controllers and filters, working with animations, routing and states.
* Closely interacted with client to **analyze requirement** and understand **use case.**
* Write complex UI **using JQuery 1.4.2 Library.**
* Prepared admin, loging, authentication and autherization module using ASP.NET MVC, C#, and .NET 3.5 .
* Prepare customer hub module which is completely data driven. Even number of controls and type of control is defined in DB and application will render according.
* Developed UI, presentation layer using HTML, JavaScript, AJAX Tools and ASP.NET pages in **C#, HTML** using techniques such as Data Grid Control, Validation Control, Session State Management.
* Ensure security to the portal by creating tempered proofed URLs.
* Wrote SQL Queries, Views and Stored Procedures using T-SQL.
* Experience in Windows Workflow Foundation
* Used the built in mechanism of Sql Server 2008 for the data integrity like default, Not Null, Check, Unique, Primary Key and Foreign key, etc.
* Created database, tables, SPs, Indexes for catamaran/Health Business solution group-pharmacy look up application
* Create claim pricing building database, tables,SPs and Indexes to store the claims(Not the HIPPA).
* Responsible for maintaining a session of messages between a client and a service using **WCF facilities.**
* Implemented WCF for communication between Business to Business (B2B) and Business to Customer (B2C).
* **Implemented Data Access Layer** using Data Access Application Blocks of Enterprise Library.
* **Implemented Exception Handling** using Microsoft Application Block of Enterprise Library.
* Extensively used **crystal reports** also for developing reports based on **ASP.NET Web Forms**.
* Extensively used **SQL Server Integration Services** for integrating the developed applications.
* Used **CSS style sheets** for the formatting the web pages.
* Used Requires JS for managing dependencies between modules.
* Implemented fusion chart visualization for an **SPA analytics** rewrite using **require JS** and **Typescript**.
* Developed Validating transactions using **XML**.
* Involved in Unit Testing for the developed .Net applications.
* Used **SVN** for the source code control.
* Migrated their old website to Sitecore.
* Made several enhancement for clients to their existing sitecore solutions based on the needs of the organization.
* Managed requirement gathering, development, managed offshore develoment team and deployment. Sitecore API’s were used for building the website.

**Environment:** ASP.NET MVC3.0, VB.NET, ASP.NET, ADO.NET, Web Forms, C#.NET 2.0/3.0, Visual Studio 2010, JQuery, JSON, Bootstrap, AJAX, LINQ, Entity Frame Work, JavaScript, Typescript, Angular JS, Requires JS, MVVM, WPF, Visual Studio Team Foundation Server 2010, IIS 6.0/7.5, SQL Server 2012, Crystal report, Ketico, Sitecore6.5.

**Client: OCC, Keller, TX Oct 2012–Jan 2014**

**Role: .Net Developer**

**Responsibilities:**

* Involved in requirement Collection, Design &Analysis of customer Specification, Development and Customization of the Application.
* Design Web Forms, User Control using **ASP.NET 3.5/4.0.**
* Created used User Control and custom controls.
* Created and consumed Web Services.
* Used **Model View Control(MVC),MVVM software architecture** in web applications to view the html.
* JQuery validation andMVC unobtrusive validation were used to validate form fields.
* Used Session Objects to keep track of session and security attributes built in the ASP.NET MVC Framework.
* Developed all the Business logic for the all the modules in a separate business Layer in C# and this was implemented using **WCF.**
* Solid understading of building user interfaces with the latest **Microsoft technologies and Silverlight.**
* Experienced in development work around developing interfaces into various components of client infrastructure **using REST and SOAP APIs.**
* Developed the user interfaces of the application using ASP.NET Server controls, HTML Controls, XHTML, Silverlight, Java Script and CSS.
* Developed several classes using C# and experienced in creating Assembles and Namespaces.
* Worked on migration project from **VB.Net to ASP.NET 2.0.**
* Utilized ADO.NET technology extensively for data retrieving, querying, storage and manipulation.
* Used Gird View to display the data from **SQL Server 2005** using Object Data Source control from Business Objects
* Used **ASP.Net AJAX Toolkit** controls like Script Manager, Update panel and Model Popup Extender with some web pages.
* Developed validations using **JavaScript and JQuery**.
* Designed front end with in object oriented JavaScript Framework like Angular JS.
* **Used Windows Communication Foundation (WCF)** to connect the front end to the database.
* Developed stored procedures, views and functions using **SQL Server 2008.**
* **Created WCF Service interfaces.**
* Used **VB.Net, ADO.Net** and **PL/SQL procedures** in order to access the oracle database for the front end presentation.
* Data migration using PL/SQL Stored Procedure.
* Used Dynamic SQL to implement DDL statements in PL/SQL programs.
* Developed the Module that enables the administrator to provide access rights to users based on their credentials.
* Used **AJAX controls** like Script Manager and update panel to develop **the GUI.**
* Used XML intensively to bind the data to the web controls, Data Manipulations to store data.
* Developed many SQL Queries to fetch data as per the business requirements with tuning techniques
* Used **ORM tool Entry framework** for designing entity model.
* Used **Microsoft Team Foundation server** for source access management.
* Used several test cases to check for bugs in the code and for bad data.
* Performed unit testing, system testing and integration testing.
* Responsible for overseeing the quality procedures related to the project.
* Interacted with the stake holders to gather & analyze business requirements of the various modules of the project.
* Responsible for distributing the functionalities among other team members and assisting them in coding, optimizing and better performance of various functionalities.

**Environment:** Visual Studio 2010, Microsoft .Net 4.0,C#.NET, ASP.NET, MVC, JavaScript, Angular JS, CSS, Ajax, XML, PL/SQL, SQL Server2008, SSIS, SSRS, WCF, IIS, Web Services, XML, XSLT, N-Unit and Team Foundation 2008.

**Client: Inoo-Saas Computing Pvt Ltd Aug 2010-Aug 2012**

**Role: .Net Developer**

**Responsibilities:**

* Creating and maintaining **UI prototypes and specifications.**
* Collaborating with product Managers and software Engineers to provide guidelines on solid UI design.
* Keeping up to date with the latest industry trends in **UI design and usability**.
* Translating market and produced requirements into UI designs in the form of **Conceptual models, Wireframes and prototypes.**
* Implemented data access layer, Business Entities, Business logic layer and service access layer using **VB.NET, WCF and LINQ.**
* Involved in creating **Models, View Models and DAL using Entity Framework and VB.NET.**
* Implemented remote validation using unobtrusive JavaScript and **JSON.**
* Implemented Business logic layer, Data Access layer using **VB.NET.**
* Developed views using **Master pages, Partial views, Custom HTML helper and JQuery with Razor view engine.**
* Optimized Application using **JQuery, Java Script, AJAX, Caching and CSS/JavaScript.**
* Implemented WCF service and developed Asynchronous call back methods in class library project to communicate with different layers of the solution.
* Worked on designing and coding (WCF) Service Contracts, Data Contracts and Operation Contracts.
* Used LINQ to Objects and **LINQ to XML** to query the data model and manipulate the data.
* Developed reports using SSRS. Reports were developed against a variety of data sources which included SQL server and analysis services.
* **Used HTML, XML, AJAX, JAVA Script, CSS and pure CSS layouts.**
* Designed the user interface using web server controls which are built on ASP.NET 1.1 server controls and Infragistics controls.
* Developed business logics component using **web services, WSDL, implemented SOAP (simple object access protocol)** for communication of application.
* Involved in design of system architecture **using UML and MS VISIO** to develop class diagram, use cases etc.
* Implemented **SCRUM methodology** for project management
* Developed a demo version of the product to solicit and incorporate feedback into the design.
* Worked on **ADO.NET components** Data Reader, Data Adapter, Data Set and Data View to provide connection to the database in **SQL Server 2000**
* Implemented client side script using **java script.**
* Road Business logic, lookup list and edits for data tabling in **C#.**
* Used singleton, class factory and dispatcher design pattern.
* Solved coding and technical problems during the project implementation.

**Environment:** Visual Studio.Net 2008, VB.Net, C#, JavaScript, CSS, Ajax, DO.Net, XML, SQL Server2008, SSIS, SSRS, MVC, WCF, VSS, IIS 6.0, Web Services, XML, XSLT, XSD, UML.

**Client: SuryaJyothi Infotech Limited May 2008 – Aug 2010**

**Role: .Net Developer**

**Responsibilities:**

* Designed and developed the windows application which consisted of a **Win forms GUL** with business objects for code reusability.
* Implemented object oriented programing concepts of interfaces inheritances abstraction and polymorphism.
* Creating **Service Oriented Architecture (SOA)** based solutions using **SOAP** messaging framework.
* Implemented mailing system (Send mail) with attachments.
* Validated user input on Web Forms using validation controls like Compare Validator, Ranger Validator, Regular Expression Validator and Custom Validator. Also performed Client Side Validations using Java Script.
* Written configuration settings **in Web.Config.**
* Used **ADO.NET** to access **SQL Server database.**
* Designed and developed **Web Services** using **C#, ADO.NET, and XML,** to handle online transactions with central database, with reduces the time, required performing data entry and generating reports.
* Involved in conversation of existing internet ASP application to **ASP.NET** based application.
* Used **VB.NET** language for code behind pages to use the **OOPs functionalities**
* Developed forms for the web application in **VB.NET.**
* Involved in designing web forms using server controls, Validation, user controls using VB.NET
* Developed GUI based Administrative application to track the data using **VB.Net**
* Developed GUI based Administrative application to track the data using **VB.Net win Forms**
* Used **XML/XSLT** for web based Reports
* Configured **ASP.NET** Web.Config file for the entire web application.
* Used **ADO.Net** extensively to interact with Oracle database.
* Developed ASP.NET web services to encapsulate business logic components to be used in a distributed environment using VB.NET and exposed them through SOAP.
* Manipulated and extended the .NET Base Class Libraries, CTS and User Defined Types to effectively create classes, interfaces and loosely coupled events that are functionally efficient and appropriate for given programming scenarios.
* Worked CSS and XSL to format the HTML output.
* Implemented role based security for the user groups.

**Environment:** Visual Studio 2003, Microsoft .Net 1.0/2.0, SQL Server 2003, Web Services, XML and Visual Source Safe.