**Sandeep**

**Sr. .Net Developer**

**Executive Summary:**

* A Microsoft certified professional with **7** Years of experience in **Architecture**, **Development**, **Implementation** and **Maintenance** of **Web** and **Standalone** (Desktop) **applications** using Microsoft Technologies.
* Experience in**.Net Framework** V 2.0, 3.0, 3.5, 4.0, and 4.5 with **ASP.NET**, **MVC Architecture**, **WinForms**, **and C #.NET**, **VB.NET**, **ADO.NET**, **LINQ**, **JavaScript**, **JQuery, Angular JS**, **SQL** and **AJAX.NET** etc.
* Strong understanding of **SDLC** & Processes used for software development including **Waterfall**, **Iterative**, **Prototype**, **Agile**.
* Well aware of **OOAD** (Object Oriented Analysis and Design), **UML**, **Design Patterns**, **SOA Architecture, N-tier Architecture**, **MVC Design patterns** and Microsoft Enterprise Application Library (Application Blocks).
* Extensively worked with **WCF** features, Creating, Consuming, Security, Performance, Versioning, Debugging Modules etc...
* Expertise on full software development life cycle (**SDLC**) of projects with **Microsoft technologies**.
* Experienced with Microsoft Application building blocks for .Net projects (**Data Access, Exception Handling, Caching and Configuration Management Application Blocks**).
* Expertise in ASP.NET MVC 4.0/3.0 and developed the features **Views, Partial Views, Strongly Typed Views, Sections, Areas** etc. and also implemented **Controllers and Controller Actions, Filters, Routing**.
* Implemented different types of **bindings** to establish communication between different channels, versions of contracts, validations and serialization concepts in **WCF.**
* Extensive experience in **front- end, user-interface (UI)** development, working on user interface applications and professional web applications using **HTML 5, XHTML, CSS3, JavaScript, JQUERY, Angular JS, JSON, AJAX and XML.**
* Extensively worked on **Entity Framework** generating **ORM Models** and integrating them through **E-SQL** and **LINQ** to **Entities** to massage the data.
* Extensively worked on **ADO.NET Entity Framework 7.0/6.0/4.3** approaches Code First approach, Database First approach for developing core data layers for the distributed applications.
* Experience in writing Unit tests cases using **NUnit** and **Microsoft Unit Test Framework.**.
* Worked in full life-cycle development of **.Net applications,** and **RDBMS** environments
* Experience in developing reports using **Crystal Reports** and **SQL Server Reporting Services (SSRS),** experience in **SQL Server Integration Services (SSIS).**
* Experience with **fine-tuning** and **optimizing** Queries and Stored Procedures
* Knowledge of Database design and implementation, hands on experience in **T-SQL** (stored procedures, functions, data types, queries, Indexes, triggers, views, functions, Performance Tuning, Query Optimization).
* Strong analytical and dynamic trouble shooting skills coupled with excellent communication skills and able to work individually.
* Experienced using Configuration Management, setting up company Version policies, build schedule using **Team Foundation Server** (**TFS**) and **Visual Source Safe** (**VSS**), **SVN etc...**

**EDUCATION QUALIFICATIONS :**

Bachelors in Computer Science and Engineering , Jawaharlal Nehru Technological University

**TECHNICAL SKILLS:**

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| **Microsoft Technologies** | **.**NET Framework (4.0/3.5/3.0/2.0/1.1), Silverlight (4.0/3.0/2.0), ASP.NET, VS.NET (2012,2008/2005), ADO.NET, WPF, WCF, MVC (4.0/3.0/2.0) |
| **Languages** | C# (4.0/3.0/2.0). NET, LINQ, Entity Framework, JavaScript, AJAX, VB.NET, VBScript, C, C++, Angular JS |
| **Database** | SQL Server 2008/2005/2000, MS Access, PL/SQL, T-SQL, Query Optimization, Stored Procedures, Triggers, Database Normalization, Functions |
| **Web Technologies** | XML, XPATH, XSL, IIS (7.0/6.0/5.0), CSS, XHTML, SOAP, WSDL, UDDI, XML Web Services |
| **Tools** | TFS (2010/2008), NUnit |
| **Operating Systems** | Windows10, Windows 7 , Windows Server 2003, Windows XP, Linux, Windows 2000 |
| **Modeling Tools** | UML, Microsoft Visio |
| **Reporting Tools** | Crystal Reports (10/8.5/8), SSRS 2008/2005. |
| **Testing** | Unit Testing, Analyzing and preparing Test plans, Test cases, Test documents. |

**PROFESSIONAL SUMMARY**:

**Client: Sigmacare, NewYork - NY, Jan2015– Till DateRole: Sr .Net Develeoper**

**Project : Health Care Cost Estimator**

**Description**:The Health Care Cost Estimator helps the consumer to gather the information they needed to make smart choices about the treatment he/she receives. Results include cost and quality information. And, it's all personalized for the consumer. This online tool helps consumer to understand and manage his/her health care costs by looking at Physician and Facility costs for services he/she wish to receive. It covers the most common treatments and conditions. Consumer estimate also includes his/her health benefits. This helps the consumer to easily understand how his/her benefits apply and what out-of-pocket costs he/she can expect. From the first doctor's appointment to the last follow-up visit, the tool brings it all together for the consumer in one place and at one time.

**Responsibilities:**

* Used **AGILE SCRUM** methodology to deliver in sprints and **Status Meetings**, Code Review Meetings.
* Implemented **UI** using **MVC 4.0, HTML5, XML, CSS3, JavaScript, AngularJS, AJAX, Bootstrap** to create responsive web pages, developed Layouts.
* Implemented **MVC Architecture** on client side and creating **Models, Controllers, and Views Scope** etc..using **Angular JS.**
* Added new functionality to existing Monitoring and Alerting tools and Performance Monitoring and Management web solutions developed using **ASP.NET MVC, Razor** and **Entity Framework.**
* Used the **Entity Framework** Code First Approach to interact with database and implemented **CRUD** operation Data massaging using **LINQ to Entities.**
* Utilized modular structure within the **AngularJS** application in which different functionalities within the application were divided into different modules along with **HTML 5**.
* 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.
* Developed a communication layer that is used for consuming **web services** (**SOAP, UDDI, WSDL)** and this layer was used while fetching the products.
* **JQuery AJAX calls** 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**, **HTML Helpers**, **Partial Views** and Layouts to maintain and reusability in UI Layer
* Modified and designed existing feature to save the details of Committee chair and Chief accountant and display them in the contacts tab of competition in **WPF** Application using **XAML, C# ,Winforms** and **Entity Framework**.
* 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.**
* Converted **web service ASMX to Web API** service methods for better performance to fetch data from the server called from client-side.
* Developed and consumed **WEB API 1.0** and also implemented the features of caching, exceptions and security.
* 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.
* **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.**
* Worked with **Team Foundation Server 2013** for version control of the source code along with the maintenance of the builds and the relevant documents of the same
* Implemented **Unit Testing**, **Integration Testing** and **System Testing** using **NUNIT**.

**Environment**:.NET Version 4.5, Web API, MVC Architecture, Entity Framework 5.1, Visual Studio 2012, SQL Server 2012, VB.Net, C# 4.0, MVC 4/5, TFS, XML, WCF, WPF, CSS3, HTML5, Twitter Bootstrap, XHTML,ADO.NET, NUnit, MS-Visio, LINQ, SQL-Server 2008, SSRS, JavaScript, JQuery, Angular JS, ASP.NET Ajax, IIS 7.5.

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**Client: NewYork Community Bank – Westbury, NY July 2013 to Dec 2014**

**Role: Sr.Net Developer**

**Project: Personal Online Banking**

**Description**: New York Community Bancorp, Inc. Serves its customers in personal and commercial banking and wealth management. The scope of this project was to develop a banking application called “Personal Online Banking” that enables in transmission and transaction of financial information through Electronic Data Interchanges under a secure environment. The development of this application made easy and simple for account holders to perform basic banking operations such as balance enquiry, online bill payments and fund transfers.

**Responsibilities:**

* Followed **Agile SCRUM** Developmental approach to deliver product releases by **SPRINT** processes in an iterative and incremental approach **(SCRUM).**
* Used **HTML and CSS** throughout the application to add content rich and interactive web pages.
* Used **JQgrid/JSON/AJAX and Custom HTML Helper Classes** to implement asynchronous calls to the server to update the changes.
* Used **ADO.NET Entity Framework Model 6.0** as the Data Access Layer (Database First) and implemented the **CRUD**(Create, Update, Retrieve and Delete) operations, Mapping and executed stored procedures .
* Used **C**ompiled **Q**ueries, **M**ultiple **C**ontexts, Explicit Loading, Save Changes to context after all db Operations to improve the performance in **Entity framework**.
* Implemented **Action Filters** (authorize) to provide proper accessibility to resources in the system.
* Wrote **LINQ to Entity** to access entities and manipulate them on server side to provide showing and managing functionality.
* Written Queries using **T-SQL** Statements, Views, User Defined Functions, Stored Procedures, Triggers in SQL Server 2008 for inserting/Updating/Deleting the data into the relational tables.
* Used **LINQ to Entities** extensively to query and filter the models to be displayed on view.
* Implemented **WCF Services** with various contracts like **Service Contracts, Operation Contracts, Data Contracts, Message Contracts and Fault Contracts**
* Developed **Entity Framework 6.0/4.3** and made LINQ queries to connect to the database and implemented CRUD functionality with **Entity framework** Code First and Database First approaches with **ASP.NET MVC 5.0/4.0.**
* Effectively used **JQuery** a concise **JavaScript** Library for traversing HTML document, event handling and AJAX interactions
* Implemented **WCF SOAP/REST** and Consumed **WCF Services** from both Windows forms and ASP.NET web applications
* Created controllers in **C#** which has **Web API** methods to accept user inputs and return response in **JSON format.**
* Used **Web API** technology to make **CRUD operations** taking advantage of the **HTTP-Verbs** support that **Web API** provides.
* Involved in **database design on SQL Server 2005** and development of different database objects containing functions, triggers, store procedures to manipulate database of the application.
* Implemented **UI** using **Razor, Partial Views,** and **Layouts.**
* Created complicated reports like parameter based reports, sub reports, well formatted reports, matrix reports, chart and tabular using **SSRS**. Extensively used Report Wizard, Report Builder and Report Manager for developing reports and deploying reports in **SSRS**
* Implemented **Unit Testing, Integration Testing** and **System Testing** using NUNIT
* Involved in **Unit test** case, code review checklist preparation and validation.
* Utilized **Team Foundation Server (TFS)** for version control during development and maintenance.

**Environment:** *.*NET 4.0, SQL 2008 R2, IIS 7.5, Microsoft VISIO 4.0., Visual Studio 2010, Active Directory, C# 4.0, Subversion, XML, XSLT, ASP.NET 5.0/4.0, HTML, Java Script, CSS, HTML,VB.NET, ADO.NET6.0, NUnit, Windows 7.

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**Client:eBay-CA July 2012 to June 2013**

**Role: Sr .Net Developer**

**Project: Claims Desk**

**Description**: This site explained the designing of the affiliate site, for our client, on software products, where in a detailed description of all the products are provided, and a facility to buy the products from E-bay. Designed affiliate site, which has the ability to attract users due to its strong content and fresh appearance, so that the users buy the product from this affiliate site, as it provides detailed and requisite information to them.

**Responsibilities:**

* Designed and developed the user interface for various tools and implemented **ASP.NET /C#** validation controls, **JavaScript, jQuery, CSS** for server and client side validations respectively.
* Extensively used **WCF services**, thereby achieving complete **Service Oriented Architecture.**
* Worked with **WCF Service Contracts, Data Contracts, Operation Contracts, Instance Modes** and Security of the services.
* Worked with **Data migration**. Used tools like **SQL Server integration services (SSIS)** in transferring data from one database to another.
* Programmed **ADO.NET** for communication between application and database, used extensively **Data Grid, Data Set, Data Table, Data Views, Data Adapter** and **Data Readers** to render reports
* Validated all the user's inputs through **JQuery and Web controls** implemented **JQuery Ajax** to improve page Performance
* Greatly enhanced website adding customer search components created and implemented **customer interfaces, Grid views, printing, error handling and validation** as well as additional functionality.
* Used **XSLT for XML data** transformation in the application and schema to check the validity of **XML document** at various stages**.**
* Created parts of the application using **JQUERY AJAX**, thus reducing the number of round trips to the server per page and improved user experience
* Designed, developed and also involved in writing and maintaining complex **SQL Queries**, **Stored Procedures**, **Triggers views** and **User defined function**.
* Extensively used **LINQ to SQL** and Entity Framework to build query-driven applications.
* Designed and developed databases, which includes the development of functions, Stored Procedures and Triggers using **T-SQL**.
* Experienced in **Optimizing queries** for performance by looking at Execution plan, creating **INDEXES** and views using **SQL SERVER.**
* Created **SSIS packages** to automate the process to copy the data from text files to database tables and send emails to workers.
* Implemented design patterns and the entire backend of the application in **C#**, using various object oriented features like **classes, interfaces, inheritance, polymorphism** etc.
* Developed various reports using **SSRS** and modified functionality of reports and formatted them to match exactly with the predefined styles.
* Involved in N-unit testing of the application with different sets of inputs.
* Used Team Foundation Server (TFS) for version control of the source code along with the maintenance of the builds and the relevant documents of the same.

**Environment:** : *.*NET 4.0, SQL 2008 R2, IIS 7.5, SP 2013, Microsoft VISIO 4.0, Visual Studio 2010, Active Directory, VB.NET, C# 4.0, Subversion, NUnit, XML, XSLT, ASP.NET 4.0, HTML, Java Script, CSS, HTML, ADO.NET, Windows 7.

*----------------------------------------------------------------------------------------------------------------------------------------*Client: Verizon Wireless – New York, NY                                   Oct 2011 to June 2012

Role: Mid-Level .Net Developer

Project:Point of Scale (POS)

**Description:**POS (Point of Scale) application is intended for store representatives which assists in maintaining the customer transactions. The application is equipped with global search and processing feature for heterogeneous customer details. The modules of the application include Customer module, Service module and Billing module.

**Responsibilities:**

* Comprehensive knowledge of the Complete Software Development Life Cycle (SDLC) and identifying the requirements and defining the business rules to user requirements.
* Developed solutions for diverse programming scenarios in **C#**, employing **Object Oriented Programming (OOP)** concepts such as: **encapsulation, inheritance, polymorphism, and abstraction.**
* Designed and developed web based **UI** in **C#** using different controls like **HTML Controls, Data Controls and Web Controls.**
* Implemented features of **ASP.Net** such as **Calendar Controls, Repeater Control and Security** using **form authentication** and used **ASP.NET Validation controls** to do server-side validations and client-side validations based on the user's browser.
* Worked with **ASP.NET Web Forms, Web Services, State management, Caching features, configuring optimizations** and **securing** the web application.
* Extensively used **Master Pages** in **ASP.NET 4.0** to achieve consistent look and feel of the website.
* Used **ADO.NET Entity Framework** Database First approach to connect to Database, implemented **CRUD operations** using **LINQ to Entities**
* Extensively used **Ajax** to reduce connections to the server, since scripts and style sheets only have to be requested once using **JQuery.**
* Used **JQuery AJAX** extensively for calling **Web Services** without writing a lot of custom **JavaScript code** to handle the request and response messages.
* Worked on **ADO.NET** components **SQL Connection Object, SQL Command Object, Data Reader, Data adapter, Data Set** and **Data View** to provide communication to the database
* Implemented **XML Web Services** in **C#** based on **SOAP** protocols using **XML and XSLT** extensively for data transfers.
* Enterprise **N-tier** software agent using **Windows Communication Foundation (WCF)** web service hosted on **IIS.**
* Created **Stored Procedures, Functions, and Triggers** using **T-SQL** in **SQL Server 2008** to insert, update, and delete data inside tables.
* Development of enterprise reports by pulling data from various sources and presenting in **SQL Server Reporting Services (SSRS)**
* Responsible for maintaining versions of source code using **Team Foundation Server (TFS)**.
* Implemented **Unit Testing, Integration Testing** and **System Testing** using **NUNIT**

**Environment:**.Net Framework 3.5/4.0, ASP.Net 3.5/4.0, Visual Studio 2010/2008, CSS, AJAX, JavaScript, JQuery, C#. Net, ASP.NET, Entity Framework 6.0/4.3,LINQ, XML, Microsoft Enterprise Library, NUnit, WCF,SQL Server 2008,T-SQL, HTML, XML, XSL, SSRS, Web Services, Team Foundation Server 2010, Windows XP, Windows 2008.

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**Client : SM Computers services Limited, Hyderabad, INDIA** **Sep 2009 to Sep 2011**

**Role: Jr .Net Developer**

**Project: Administrative Management**

**Description::** This system is being designed to manage different functionalities of the school. It has three modules. Administrator to create, update and manage teachers, librarians, clerks and other staff members in the school uses administrator, Teacher, Library, and Administrator Module.

**Responsibilities:**

* Designed Web pages using **ASP.NET**and done validations using **JavaScipt.**
* ASP to get the information dynamically from the database, **ADO** Objects is used to update the data into SQL Server database.
* Documented the design and process of the application.
* Designed and developed various abstract classes, interfaces, Inheritance to construct the business logic using **C#.Net**, **ADO.NET** and **SQL Server**.
* Used **ADO.NET** objects such as Data Reader, Dataset and Data Adapter, for consistent access to SQL data sources
* Extensively used **JavaScript** for Client Side functionality in **ASP.NET** Web Pages.
* Involved in development of **Web Forms**, Classes using **C#.NET** that incorporates both N-tier architecture and database connectivity.
* Responsible for development of **SQL** scripts to Insert/Update and Delete data in MS SQL database tables.

**Environment:**Visual Studio .NET 2005, .NET Framework 1.1,C#, ASP.NET 1.1, JavaScript, Web forms, HTML4, CSS, SQL Server 2000, ADO.NET.