**SANDEEP SHETTY,**

Sr .Net Full Stack Developer

Mobile: +1 (510) 545-6005,

E-Mail: sandeepmshetty8@gmail.com

**PROFESSIONAL SUMMARY**:

* Over 8 years of extensive experience in Microsoft technologies requirement gathering to project delivery. Excellent design and integration problem solving skills; worked for various clients and projects in every phase of Software Development Life Cycle.
* Expertise in developing various applications using .NET technologies like C#, VB.Net, MVC, XML, ASP.NET, WCF, WPF, ORM, ADO.NET, SPA, AJAX, SSRS, SSIS, Windows Forms and RESTful Web API.
* Excellent experience in using HTML5, JavaScript, jQuery, AngularJs 1.x/2, KnockoutJs and CSS 3.0 for creating interactive web applications.
* Developed Single Page Application (SPA) with ASP.Net Web API 2 and Angular JS using Code First Approach in Entity Framework.
* Experienced in building Cross Browser Compatibility Web Pages in Responsive Web Design (RWD) using Bootstrap.
* Extensive experience in design using OOPS concepts and Design patterns like PRISM, MVVM, Abstract Factory, Singleton, MVC, MVP.
* Experience in working in projects and built applications based on MVC 5.0 framework.
* Experience in implementing SOA architecture with web services and creating, consuming and publishing XML Web Services (SOAP, WSDL) and Windows Services using .NET.
* Experience designing, building and documenting WPF user interface themes using XAML and C#.
* Experience on Web API to create HTTP Restful Services to communicate with UI objects using JSON.
* Implemented Data Integration using SQL Server Integrated Services (SSIS).
* Knowledge on Developing Reports using SQL Server Reporting Services (SSRS) and Data Transformation Services (DTS).
* Experience in NOSQL databases such as Mongo DB.
* Experience deploying the application to Microsoft Azure Cloud as a part of cloud deployments to Private and Public cloud environments.
* Strong understanding and experience in preparation of Use Case diagrams, Dataflow diagrams, Activity diagrams, ER diagrams and Class diagrams using MS Visio.
* Configured AWS Multi Factor Authentication to implement two step authentications of users accessingusing Google Authenticator and AWS Virtual MFA.
* Expertise in using source code control systems such as MS Visual Source Safe, Tortoise SVN, Team Foundation Server (TFS) and GIT.
* Strong experience in Database Design, Normalization, writing complex Stored Procedures, Functions and Triggers.
* Hands on experience on wrapper packages in Oracle 11g, creating batch files and control files for SQL loader.
* Experience in using Unit Test Frameworks (NUnit and MS Test) and Performed Test Driven Development (TDD).

**TECHNICAL SKILLS**:

|  |  |
| --- | --- |
| .NET Technologies | .NET Framework 3.5/4.0/4.5/4.6/5, WCF, WPF, ASP.NET, Classic ASP, C#, Window forms, AJAX, Java Script, Web Services, Silverlight, ADO.NET, XML, SOA, .Net Remoting, VB.NET, IIS. |
| Languages | C#, VB.NET, VB 6.0, C++, Python, PL/SQL, TSQL |
| Modeling Tools | Visio 2010, Lucid Charts, Balsamiq |
| Scripting and Markup | HTML, DHTML, JavaScript,TypeScript, AngularJs, ReactJs KnockoutJs, Ajax, XHTML, CSS, DTD, XML Schema, XPath, XSLT, XQuery. |
| Cloud Services | Microsoft Azure and AWS |
| Reporting Tools | Crystal Reports, SSRS |
| Databases | SQL Server2008/2012, Oracle10g/11g, MongoDB. |
| IDE | Visual Studio 2015/2012/2010, WebStorm, TeamCity, SoapUI |
| Version Control | GIT (Atlassian Bitbucket), SVN, TFS, and VSS |

**Education**: Bachelors of Electrical and Electronics Engineering, JNTU, India- May-2008.

**PROFESSIONAL EXPERIENCE**:

**Client**: Verizon, Tampa FL Sept 2015 – Present

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

**Responsibilities**:

* Interacted with the ProductOwners to understand the business flow and gather their business requirements.
* Worked on Agile Methodology to collaborate with SCRUM team members to work on Sprint deliverables.
* Developed solutions for diverse programming scenarios in C#, employing OOPS concepts.
* Developed Razor views with strongly typed view models and HTML Helpers and partial views using ASP.NET MVC, CSS, JavaScript, AngularJS and C#.
* Developed solutions for diverse programming scenarios in C#, employing OOPS concepts.
* Designed and implemented scalable secured cloud architecture based on AWS.
* Used AngularJS and ng-grid JS libraries as a part of client side development.
* Implemented Client side validations using AngularJS and Typescript.
* Leveraged AngularJS for page scripting, AJAX calls and JSON for passing objects from Controller to View and vice versa.
* Consumed JSON/XML data exposed by REST/SOAP.
* Involved in the design of the DAL using ASP.NET, Entity Framework and LINQ to Entities.
* Created Data Access Layer (DAL) abstraction by implementing Repository Pattern.
* Installation of MongoDB on physical machines, Virtual machines as well as AWS Backup & Recovery, Database optimization and Security maintenance.
* Worked on MongoDB database concepts such as locking, transactions, indexes, Sharding, replication, schema design.
* Setup and build AWS infrastructure various resources like EC2, S3, Auto Scalingin Cloud Formation JSON template.
* Involved in developing Web Services and invoking them by using XML, SOAP and WSDL for creating proxy classes.
* Created WCF Services responsible for communicating and providing real time data from integrated server to Client Application.
* Worked extensively with SOAP UI& Postman for testing SOAP and RESTful Web Services.
* Used GIT for source control and documented the entire application.
* Created test plans and performed functional and load testing.
* Used Log4Net for application-level logging.

**Environment**: .NET Framework 4.5/4.6, C#, MVC, ASP.NET, WEB API 2, WCF, Entity Framework, LINQ to Entities, SSIS, Visual Studio 2015, SQL Server 2012, AWS (Amazon Web Services), GIT, SOAP UI, MongoDB, Log4Net, IIS, Web Services, HTML, CSS, Bootstrap, JavaScript, JSON, AngularJS, AJAX.

**Client**: WEX Inc., South Portland ME Apr 2014 – Aug 2015

**Role**: .Net Full Stack Developer

**Responsibilities**:

* Involved in the complete Software Development Life Cycle (SDLC) including Analysis, Design, Implementation, Testing and Maintenance.
* Creating reusable N-Tire Components (BLL, Entities and DAL) using C# and DI design pattern.
* Developed Razor views with strongly typed view models and HTML Helpers and partial views using ASP.NET MVC, CSS, JavaScript, AngularJS and C#.
* Used AngularJS and ng-grid JS libraries as a part of client side development.
* Implemented Client side validations using AngularJS.
* Leveraged AngularJS for page scripting, AJAX calls and JSON for passing objects from Controller to View and vice versa.
* Involvedin the design of the DAL using ASP.NET, Entity Framework and LINQ to Entities.
* Developed and maintained SQL Server Databases. Migrated all DTS packages to SQL Server Integration Services (SSIS) and modified the packages accordingly using the advanced features of SQL Server Integration Services.
* Created and tuning the database objects like complex Stored Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in Development and Production environment for SQL Server.
* Developed Restful Services using Web API that are consumed by various Client applications for routing data between different systems. To convert the Entire event flow as a SOA based architecture used RabbitMQ as a queues and BUS.
* Created collections and performed CRUD operations on Mongodb using Node Mongoose and used Robomongo client.
* Converted the application to Microsoft Azure Cloud Service Project as part of cloud deployment.
* Migrated SQL Server database to Microsoft Azure SQL Database and updating the Connection Strings.
* Used Team Foundation Server (TFS) for source control and documented the entire application.
* Created test plans and performed unit and regression testing using MS TEST.
* Experience in coordinating with on site and offshore team members in daily status meeting to resolve issues related to project Activities.

**Environment**: .NET Framework 4.5, C#, MVC 4/5, ASP.NET, Web API 2, Swagger API, Entity Framework, LINQ to Entities, SSIS, Visual Studio 2013/2015, MongoDB, SQL Server 2012, Microsoft Azure, Azure SQL Database, MS Test, TFS, IIS, Web Services, HTML, XML, XSL/XSLT, CSS, Bootstrap, JavaScript, JSON, AngularJS, AJAX.

**Client**: American Express, Phoenix AZ Jun 2013 – Mar 2014

**Role**: Sr. Net Developer

**Responsibilities**:

* Involved in all the phases of the Software Development Life Cycle(SDLC) including System Analysis, Design and Development.
* Used C# language in developing the Business logic, where in extensively implemented the OOP’s functionalities.
* Developed 3-Tier Architecture application with User Interface, Business Logic and Data Access Layers using .NET and Entity Framework.
* Experience with developing and deploying back-end services to Azure clouds.
* Used AJAX, jQuery and Kendo UI for MVC to improve the performance of the application.
* Designed User Interfaces using HTML, JavaScript, AngularJSand CSS to enhance UI experience on Client-side.
* Installed and supported IIS for use with Web applications.
* Used the Script Manager and Update Panel of Telerik.NET AJAX Controls to do asynchronous page post back.
* Developed Stored Procedures, Functions, Views and Triggers for Data Manipulation, ensuring set up relations includes indexing, constraints, foreign keys etc. using SQL Server.Extensive use of Kendo UI framework was made - including widgets like Kendo grid, Kendo auto complete, Kendo window, etc., including the use of Kendo core framework features.
* Used LINQ to SQL and LINQ to Entities feature of .NET Framework for Data Filtration.
* Used Team Foundation Server for integrating, maintenance, reporting and project tracking.
* Performed unit testing on every new version before sending it for User Acceptance Test.
* Documented the analysis and technical specification for future references.
* Used RabbitMQ for application-level logging.

**Environment**:.NET Framework 4/4.5, C#, MVC 4, ASP.NET, VB.NET, Entity Framework, LINQ to SQL, LINQ to Entities, SSRS, Visual Studio 2012, SQL Server 20012, NUnit Test, TFS, IIS, Web Services, Kendo UI, Telerik AJAX Control Toolkit, RabbitMQ, HTML, XML, XSL/XSLT, CSS, Bootstrap, JavaScript, AngularJS, AJAX.

**Client**: United Health Group, Eden Prairie MN Oct 2012 – May 2013

**Role**: Sr. Net Developer

**Responsibilities**:

* Interacted with the Business users to understand flow and gather their business requirements.
* Involved in the requirements gathering and design of the project.
* Involved in Coding Web Pages using ASP.NET, C#, Java Script.
* Developed applications using JavaScript and client libraries like jQuery, Bootstrap, etc. to build modern Single Page Applications (SPA).
* Implemented Server and Client side validations using ASP.NET validation controls and jQuery.
* Designed and implemented components that convert disconnected record sets to valid XML that is transformed by XSL/XSLT files to HTML.
* Improvised user experience using jQuery and used for event handling mechanism to dynamically assign events on web controls.
* Data Grid control was used to display the data in a customized template.
* Used ADO.Net objects such as Data Reader, Data Set and Data Adapter for access to data sources.
* Involved in redesign of the MySQL database to MSSQL Server database; wrote and maintained complex SQL queries, Triggers, User defined functions and the required Stored Procedures in T-SQL.
* Use C# and ADO.NET to define and implement secure middle-tier component using both connected and disconnected environment strategies.
* Developed Web Services using ASP.NET, VB.NET and SQL Server.
* Designed and Developed Service Oriented Architecture (SOA) with WCF Binding concepts for making Data Binding for end points.
* Coding and Tuning the Queries, Stored Procedures and Functions, Triggersusing PL/SQL.
* Developed reports using MS SQL Server Reporting Services (SSRS) and Crystal Reports.
* Worked on the basic design of the website using the CSS, Master Pages and Navigation controls for consistent look and feel of the website.
* Used Team Foundation Server for Source Code Control, project related document sharing and team collaboration.
* UML was used for the preparation of Use Case, Sequence Diagram, ER-Diagram, and Class Diagrams using MS Visio.
* Involved in testing using the test-cases using NUnit framework.

**Environment**: .NET Framework 4.0, C#, ASP.NET, VB.NET, ADO.NET, PL/SQL, T-SQL, LINQ to SQL, WCF, SSRS, Visual Studio 2010/2012, SQL Server 2008, MS Visio, NUnit Test, TFS, IIS, Web Services, HTML, XML, XSL/XSLT, CSS, Bootstrap, JavaScript, jQuery, AJAX.

**Client**:Excel Soft Technologies, Bangalore India Aug 2010 – Oct 2012

**Role**: Software Engineer

**Responsibilities**:

* Involved with Project Manager for daily reporting & review of the current projectusing Agile Methodology.
* Designed and Developed the Business Logic Layer application using C#.
* Designed and implemented Logging Mechanisms, Exception Handlers.
* Developed Web Forms using Master Pages, HTML controls and CSS.
* Used Custom Validations, ASP.NET Validation Controls and JavaScript to perform validations both on client and server side.
* Migrated Classic ASP applications to ASP.NET applications.
* Extensively used ADO.NET objects such as Data Adapter, Data reader, Dataset and Data View for reading/updating records in database.
* Worked with WPF Data grids to edit and update the Application data.
* Designed dynamic Aspx Web Pages for the Application using ASP.NET, C#, XML, XSL/XSLT, HTML and JavaScript.
* Created multiple Custom User Controls in WPF and MS Expression Blend.
* Involved in creating Stored Procedures and complex queries in SQL Server andMicrosoft Access.
* Used LINQ to SQL to write integrated queries and perform transform operations.
* Used SQL Server Reporting Service to generate various reports of customer information, premium billing and worker’s compensation with different insurance plans.
* Developing classic ASP page creating queries and stored procedure on SQL server and fixing defects found in the current ASP page Extensively used WPF user controls to provide page documents along with native support of XML paper specification documents.
* Used various AJAX Controls like Update panel, Model Popup Extender, Accordion, Mask Edit Validator and Mask Edit Extender for asynchronous data transfer and validation.
* Used Web Services and XML standards, including SOAP and developed the prototype using XML web service (SOAP) for data transfer over HTTP network.
* Used Windows Communication Foundation (WCF) to communicate with other backend systems.
* Used Team Foundation Server (TFS) for version control.
* Involved in Debugging and fixing the bugs in maintenance phase.
* Developed Stored Procedures, Triggers and complex SQL statements and Generated various reports using Crystal Reports.

**Environment**: .NET Framework 3.5/4.0, C#, ASP.NET, LINQ to SQL, ADO.NET, WCF, WPF, Visual Studio 2008/2010, SQL Server 2008, SSIS, Crystal Reports, TFS, HTML, XML, CSS, JavaScript, jQuery.

**Client**: Byte Alpha Solutions, Hyderabad India May 2008 – Jul 2010

**Role**: ASP .Net Developer

**Responsibilities**:

* Involved in various phases of the Software Development Life Cycle (SDLC).
* Successfully implemented Agile Methodologies andAnalyzed client’s requirements and involved in designing the GUI.
* Implemented the project using ASP.NET, C# and the back-end database SQL Server.
* Involved in creating applications using VB.NET.
* Developed use cases and class diagrams for data and business access components of the system.
* Developed initial prototypes using HTML, JavaScript, jQuery and CSS.
* Implemented input validations using .NET Validation Controls.
* Developed personalized views using Themes and Master pages.
* Extensively used Data Grid &Data Lists to display data returned from Server.
* Effectively used the State Management techniques i.e. Session State, View State, Cookies.
* Developed classes and interfaces for the Data Access layer using VB.NET, ASP.NET, ADO.NET and SQL 2000 data access library.
* Developed user and custom controls using C#, Visual Studio and Expression Blend for Silverlight and WPF application.
* Designed dynamic ASPX web pages for the Application using ASP.NET, C#, XML, HTML and JavaScript.
* Effectively used ADO.NET objects such as Data Reader, Dataset and Data Adapter to access data from MS SQL Server.
* Created packages using Integration Services (SSIS) for data extraction from Flat Files, Excel Files OLEDB etc. to Access etc.

**Environment**: .NET Framework 3.0/3.5, ASP.NET, VB.Net, C#, ADO.NET, Visual Studio 2005, Microsoft SQL Server 2000/2008, AJAX, SSRS, HTML, XML, CSS, JavaScript, jQuery.