**Teja Swaroop Tirumala**

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**Sr. .NET Developer**

**361)-228--5395**

**SUMMARY**

* 8 years of experience in Microsoft Technologies in Designing, Developing and Implementing Intranet, Internet applications, web development, Object Oriented Programming in Software Development Life Cycle (SDLC) using **Microsoft.NET Framework 4.5/4.0/3.5/2.0, ASP.NET, C#, VB.NET.**
* Solid understanding of Object Oriented Analysis and Design (OOD) and RDBMS concepts.
* Good hands-on experience in implementing various software development methodologies like **Agile Development Process** using **Scrum, Waterfall Model**.
* Experience in design using Object Oriented Programming (OOPs) Principles like Encapsulation, Inheritance, Polymorphism, reusability and Design patterns like Abstract factory, Singleton, Object pool a standard solution to common problems in software design.
* Hands-on experience in creating rich user interface for the web using **HTML5, jQuery, XML, CSS3, Ajax Control Tool kit, Java Script, Angular JS, Bootstrap** etc.
* Expertise in developing various applications using .NET technologies like **C#, MVC, XML, ASP.NET, WCF, WPF, ADO.NET, Windows Forms** and **Rest API.**
* Extensive experience in using features of .Net Framework Generics Collection, Extension Methods, Lambda Expression, Events, Delegates, Process, LINQ and Multithreading.
* Using Curator API on **Elasticsearch** to data back up and restoring.
* Involved in creating **WINFORMS** for in-house Windows applications using C#.
* Good experience in developing applications using **MVVM, MVP, MVC 5/4/3, Entity Framework.**
* Strong developing experience in **Visual Studio .NET 2015/2012/2010/2008**.
* Extensive experience in **Windows Communication Foundation (WCF), LINQ, jQuery, JSON objects, and MVP/MVC** Design Patterns.
* Expertise in Cutting Edge Technologies like EJB, JMS, JTA, XML and WebSphere MQ Series.
* Performed automation engineer tasks and implemented the ELK stack (Elasticsearch, Fluentd, Kibana) for AWS EC2 hosts.
* Familiar with JavaScript libraries like **Knockout JS, Aurelia and Bootstrap** templates and **Angular JS framework**.
* Proficiency in SDLC methodologies and development processes such as requirement gathering, analysis, prototyping, design, development and implementation of enterprise software solutions.
* Experience with **XML, SOAP, WSDL, Web Services**, Validation Controls, Authentications like windows authentication, forms authentication.
* Experience in Classic ASP applications, JSON and VB6 scripting.
* Experience on **ADO.NET** components such as Datasets, Data Adapter, Data Reader, Data View, Data Table and Command object to access and update database.
* Expert in Database development and proficient in writing database Stored Procedures, Functions, Triggers, cursors and Complex queries in **MS SQL Server, MS Access,** and **Oracle**. Extensive experience in SQL Server Database design.
* Development Experience in **SQL Server 2005, 2008** SQL Programming, T-SQL, stored procedures, **ADO.NET, Oracle, PL/SQL, Test Driven Development.**
* Excellent experience in developing the Data Access Layer for **CRUD** operations and to interact with Databases using **ADO.NET and ADO.NET** Entity Framework Database First/Code First Approaches, LINQ to Entities.
* Proficient in Object Oriented Design/Development, Object Oriented Analysis and Design (OOAD), Model View Control (MVC) design pattern, Model-View- View Model **(MVVM) design** Pattern Team Foundation Server (TFS) and Test-Driven Development (TDD).
* Have developed reusable custom User Controls in **WPF (OOP)** for multiple projects with rich **UI** components. Good experience in creating XAML based **UI** development.
* Implemented **multithreading** and parallel processing concept as part of developing WPF application.
* Specialized in designing/architect, developing and maintaining Restful and **SOAP** web services using WCF.
* Experience in design and development of applications using .NET and Client-side operation like jQuery, **Telerik User Interface (Kendo UI), Bootstrap** with Responsive design adopted to mobile view.
* Expertise in creating Client/Server Applications on Three Tier Architecture for multiple users.
* Good experience in creating **XAML** based **UI** development.
* Experience in developing the applications which can talk to NoSQL Databases like Mongo and Couch DB.
* Created Dynamic Mobile views using **Angular JS, Node JS, and React JS**.
* Have Strong Database skills using **SQL, T-SQL** and **PL/SQL**
* Sound knowledge of **SOA principles** and **design patterns**. Designed and developed **WCF/XML web** services.
* Experience in handling bug fixing and testing code changes for new modules to ensure quality standards before releasing to the production environment and supported the Operations team on a regular basis.
* Worked on **Kendo UI-** controls like grid, list view and fix the bugs pertaining to various browsers.
* Strong hands on setting up connections and working on the **Relational Database Management (RDBMS)** like SQL server.
* Worked with **.NET Server Controls, Web User Controls, Data Grid Web Controls** and **Form Validation Controls**, created numerous Custom controls.
* Worked on various Versions Controls like **Git, Team Foundation Server (TFS)**.
* Expertise in **Web forms GUI development** including client and server components, custom controls user controls, Web Services, ADO / ADO.NET.
* Built a Full-Service Catalog System which has a full workflow using Elasticsearch,.
* Experience in Cloud computing platform like **Microsoft Azure** and also **Amazon Web Services(AWS)** for building, deploying and managing applications and services.
* Experience in DTS, ETL, Creating Packages, and **Reporting Services (SSRS), Integration Services (SSIS), Analysis Services (SSAS)** on SQL Server Database.
* Experienced in designing and developing reports using **SQL Server Reporting Service (SSRS), Power BI Desktop** and **Crystal reports**.
* Good **communication skills, interpersonal skills** and **effective organizational skills**.

**Technical Skills:**

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| Programming Languages | **C# .NET, VB.NET, VB, C, C++, T-SQL, PL-SQL.** |
| Web Technologies | **HTML, DHTML, XML, XSLT, XSD, WSDL, XAML, SOAP, CSS, Web forms** |
| Microsoft Technologies | **MVC .NET, ADO.NET, AJAX, Classic ASP, WPF, SILVERLIGHT** |
| Scripting Languages | **JavaScript, jQuery, Knockout JS, Angular JS,Node JS, React JS, VB Script** |
| Data Bases | **SQL SERVER 2014/2012/2008/2005/2000, Oracle11g/10g/9i/8i, MongoDB, Greenplum** |
| Framework | **Microsoft.Net 1.X/2.0/3.0/3.5/4.0/4.5** |
| Operating Systems | **Win NT, Win 95/98, Win-2000/2003/2008/2010, Windows Vista, OSX, Unix** |
| IDE Tools | **Visual Studio 2015/13/12/10/08/05/03** |
| Enterprise Servers | **IIS 8.0/7.0/6.5/6.0/5.0** |
| Cloud Platforms | **Microsoft Azure, Office 365, Amazon Web Services (AWS)** |
| Reporting Tools | **SQL Server Reporting Services (SSRS), Crystal Reports 9.0** |
| Software Methodologies | **Agile SCRUM, Agile RUP, Waterfall** |
| Version Control | **GIT, Team Foundation Server(TFS), Subversion(SVN), Visual Source Safe** |

**Professional Experience:**

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| **Client-1** | **Omnicare – Cincinnati, OhioJune 2016 - Present** |
| **Role** | **Sr. Full StackNet Developer** |
| **Description:** | Omnicare, a CVS Health company, is an industry leading long-term care pharmacy services provider focused on supporting community residents and staff throughout the continuum of care. Its platform allows people to ask, learn, and act upon the questions of various health and wellness issues. Developed new User Interfaces and templates for social networking site and UI for the direct messaging application. |

**Responsibilities:**

* Involved in **Scrum** methodology like participating in daily standup meetings, Sprint Planning and Retrospective meetings
* Development of web application using **ASP.NET MVC** in Microsoft **Visual Studio IDE.**
* Major role in the development of the web application using **ASP.NET MVC 5, C#, Java script, jQuery, Bootstrap, Entity Framework, Angular and AJAX.**
* Built impressive user-friendly UI/UX designs for application using **Angular 2, HTML5, CSS3** and**Bootstrap.**
* Designed and developed dynamic ASPX web pages using **C#, ASP.Net, HTML5, Java Script**.
* Worked on **Kendo UI** controls like grid, list view and fix the bugs pertaining to various browsers.
* Used various Server Controls like **Multi View** and **Grid View** with extensive Data Binding to Display, Page and Sort Multiple Records.
* Created the Node.js EXPRESS Server combined with Socket.io to build MVC framework from front-end side AngularJS to back-end MongoDB, in order to provide broadcast service as well as chatting service.
* Used Microsoft Entity Framework Code First approach for the Data Access Layer for the ASP.NET MVC 5 application
* Developed a **Service Oriented Architecture (SOA)** based design of the collaboration product involving designing and creating schemas.
* Used **ASP.NET AJAX Toolkit** controls like Script Manager, Update Panel and Modal popup.
* Expertise in **Angular** controllers, directives, components, factory and service resources, routings and events.
* Used **AJAX** and **JSON** communication for accessing RESTFUL web services data payload.
* Performed database operations on **SQL Server 2014** by creating SQL queries, stored procedures, functions, indexes and views.
* Full exposure in development using Agile Methodology and good exposure in Agile as **Scrum Developer,** andExperience in Agile Process such as **TDD (Test Driven Development)** using **NUnit, BDD (Behavior Driven Development)** using **Jasmine**.
* Involved in hosting application in **IIS** and creating scripts for database installation on a particular sprint.
* Developed **WCF Services** to integrate with **SOAP** compatible systems and **RESTful services** are implemented using ASP.NET **Web API** to support light weight data exchange in ASP.NET MVC UI
* Generate reports with parameters, sub reports, cross tabs, charts using **Crystal Reports.**
* Used the **Log4Net** for logging purpose.
* Used **Unity IOC container** for Dependency Injection.
* Knowledge on **Greenplum** for high analytical query on large data
* Created databases and schema objects including tables, indexes and applied constraints, connected various applications to the database and written functions, stored procedures and triggers using MS-SQL, T-SQL, PL-SQL and SQL Server 2014.
* Involved in writing user-defined functions (UDFs), user-defined types (UDTs), and queries using T-SQL and SQL server analyzer.
* Used SSRS to create reports, customized Reports, on-demand reports, ad-hoc reports and involved in analyzing multi-dimensional reports in SSRS.
* Involved in developing Packages for data loading and extraction using **SSIS**, **C#** and scheduled packages.
* Development and Deployment using **Power ShellScripts** using **Azure**.
* Developed and deployed back-end services to **Azure clouds**.
* Developed **Power ShellScripts** for Automated Deployment of Developed Packages using Service Fabric.
* Involved in testing like **Unit test**, **Integration test, Acceptance test** and **Regression testing** using **NUnit** and responsible for writing test scripts and scenarios.
* Used SMTP mail classes of .NET to enable customers in receiving mails with suggestions, alerts from the bank, confirmation, and notifications
* Used **TFS** for version control of the source code along with the maintenance of the builds and the relevant documents of the same.

**Environment: .NET Framework 4.5, ASP.NET MVC 5, MS Visual Studio 2015, POWER SHELL, WCF, JSON, C#, JavaScript, jQuery,HTML5, CSS3, Bootstrap, IOC, Entity Framework, NoSQL, TDD, SSIS, SSRS, AJAX, Ajax Control Toolkit, Angular (2), XML, RESTful, SQL Server 2014, ADO.NET, TFS, Azure.**

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| **Client-2** | **Liberty Mutual – Indianapolis, Indiana Dec 2014 - May 2016** |
| **Role** | **Sr .Net Developer** |
| **Description:** | The management system provides complete business automation of Liberty Mutual. The application provides the ability to track customers and their loans from any of their branches. It can also track the complete history of business transactions or history of the customer loan account. It is used for much speedier loan approval/denials. The solution was implemented as a robust, scalable and efficient web application with C# and SQL Server. Designed web based application for the Liberty Mutual Loan Management for customers. |

**Responsibilities:**

* Plan and execute phases of the **Software Development Life Cycle** utilizing agile methodologies to achieve end-to-end development of web-based applications.
* Application components are developed in an **agile environment** utilizing a test-driven development approach.
* Worked on razor pages in **ASP.NET 4.5** web application which is in **MVC 5**architecture using C# as code behind
* Used **AJAX Tool Kit** to increase the functionality of the web page with asynchronous functionality.
* Used **jQuery** for Client-Side Validations and **AJAX** calls to communicate with Controller Actions and **WCF Services** with **JSON** Data.
* Involved in creating rich and interactive UI using CSS, **Java Script**, Ajax, **Angular JS**, **React JS**.
* Implemented client and server-side validations using **JavaScript, Knockout JS**and **ASP.NET** validation controls.
* Involved in the Design & Architecture of the Server side layer using Domain Driven Design involving patterns like Inversion of Control, Modular Pattern, Repository Pattern and Unit of Work.
* Extensive experience in creating rich content Web Forms, Server Controls, Web Services.
* Used **MS Visual Source Safe** for source code management.
* **Used ReactJS** to design to make the process of building modular, reusable **user interface components** simple and intuitive.
* Used **RabbitMQ** to publish and consume real time messages.
* Developed **Single Page Application (SPA)** with **ASP.Net Web API 2** and **Angular JS** using Code First Approach in Entity Framework.
* Used **ReactJS** fully to transude components, replacing them with new content
* Worked with **Team Foundation Server 2015** for version control of the source code along with the maintenance.
* Used **T-SQL** to include querying and making changes in the database, using functions and CRUD statements and Written Triggers, Views and Indexes using **SQL Server**.
* Implemented various features like **Partial classes**, **Anonymous types**, **Read-Only Properties**, **Polymorphism** and **Inheritance** of C# in building data entity model.
* Developed UI using **Telerik Kendo UI**, **user controls**, **layouts** and **styles** which inputs the data and display the data for the web applications using **ASP.NET**
* Developed and consumed **WCF** Services to achieve **Service Oriented Architecture (SOA)** and communication.
* Used **LINQ** to build a set of operations, parameters and expressions (**Lambda**) while **“Querying”** a set of data from an **SQL** Server.
* Designed database in **MS-SQL** and created stored procedures, functions, views to reduce the complication of front-end **SQL queries** and **triggers** to **enforce entity relationships.**
* Created Stored Procedures for performing repetitive tasks in updating related tables using **SQL Server 2014 database.**
* Created Jobs, Packages, and Reporting Services (**SSRS**), Integration Services (SSIS) on SQL Server Database.
* Ensured the secure transfer of data from on premise to **Azure**.
* Designed archive structure for error logs for auditing purposes using **T-SQL** and **Integration Services**.
* Use of Azure services for HA and DR and Developed security policies for **Azure cloud.**
* Developed the Test cases for Unit Testing and Automation Testing using **Selenium**.
* Used SQL Server Reporting Services (SSRS) for generating reports populated by data in databases.
* Used **TFS** (Team Foundation Server) for source code control, project related document sharing and team collaboration.

**Environment: Microsoft SQL Server 2014, Visual Studio 2015, C#, ASP.NET 4.5, MVC 5.0, Web API, jQuery, HTML5, JavaScript, CSS3, Node JS, React JS, IOC, Knockout JS Visual Safe, WCF, AJAX, Angular JS, Entity Framework, LINQ, IIS 7.5, NUnit, TFS, SSRS, SSIS, Selenium, Azure.**

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| **Client-3** | **Indiana State Department of Health - Indianapolis, IN Dec 2012 – Nov 2014** |
| **Role** | **Sr.Net Developer** |
| **Description:** | The Hospital Preparedness Program guides Indiana hospitals in fulfilling and maintaining the healthcare capabilities required by the federal government and coordinates preparedness responses among hospitals in the state to ensure the most efficient and effective response to any type of event. The Local Public Health Preparedness Program section acts as a source of technical expertise and support to local public health staff throughout Indiana in maintaining public health disaster preparedness. |

**Responsibilities:**

* Actively Participated in **SCRUM** meetings discussing the implementation, integration of backlog modules considering the released version of software and best practices for solutions.
* Designed and developed Web Pages using **ASP.NET, C#.NET, HTML**, **JavaScript**, **AJAX**,**jQuery CSS** and **Server controls**.
* Used **Bootstrap** and, **Knockout JS UI Framework** for developing the responsive web application to be used on Desktop/Tablets or Mobiles
* Developed the front-end application using **HTML5, CSS3, JavaScript, JSON**.
* Worked on jQuery that includes **AJAX** calls for **RESTfu**l API’s those were built with ASP.NET Web API.
* Used jQuery for client-side scripting and Entity framework as ORM tool with database first approach.
* Worked extensively on the **UI**, created Views by utilizing **MVC,** created View models and wrote client-side validations using **jQuery** and **JavaScript**, **Bootstrap.**
* Used **KnockoutJS** that allows to bind the html elements against any data model providing a two-way data binding mechanism.
* Extensive experience in creating rich content Web Forms, **Windows Forms**, Server Controls, Web Services.
* Developed SOAP based Middleware using Web Services to read XML files which is to provide communication between data access layer and backend database.
* Used **Telerik** controls like **RadChart** and **RadGridview** to provide richer user experience.
* Created Menus and Drawer component by using **Typescript** and **knockout JS.**
* Used ASP.NET Server Controls, Validation Controls and User Controls for creating web forms.
* Developed **secure login interfaces** with **ASP.NET** Server controls.
* Extensive use of **MVVM**(MVC) and **WPF** for a unified user interface.
* Programmed **ADO.NET** in the Data Access Layer for communication between application and the SQL Server database and several modules in the n-tier application.
* Developed **Win Forms** and integrated these forms with Windows Services.
* Created Views by applying complex queries on multiple tables to create the virtual tables and implemented **Cursors** in Stored Procedures using **SQL Server 2008**, Implemented Joins in Stored Procedures to get the desired data by joining multiple tables.
* Involved in Database Designing in SQL Server 2000 and T-SQL, PL/SQL coding.
* Effectively designed application windows using XAML using various WPF controls like **Data Grid**, **Combo Box, Textbox**, etc.
* Implemented **SQL Server Reporting Services (SSRS)** and Crystal reports to deliver variety of interactive reports.
* Used the Event log classes for logging errors.
* Worked to prevent connection string vulnerability attacks on **Oracle DB.**
* Responsible for testing, fixing the bugs and troubleshooting the **SQL injection errors**.
* Used Microsoft Entity Framework Code First approach for the Data Access Layer for the **ASP.NET MVC 5 application**
* Involved in re-design, re-code, and deploy new data extractions using SSIS, and designed and produced documentation of data transformations for all extractions.
* Created **batch files** to trigger the scripts for the application and database deployment and scheduled to run nightly in Task Scheduler.

**Environment: C#, Visual Studio 2013, SDLC, HTML, CSS, XML, ASP.NET MVC 4/5, WCF, Win Forms, Java Script, jQuery, Knockout JSSVN, ADO .NET, Ajax, Bootstrap, IIS 6.0, NUnit, SQL Server 2008, JSON, Windows XP, UML, Oracle DB, SSIS, SSRS, Windows Server 2008 R2/2008.**

**Professional Experience:**

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| **Client-4** | **Regions Bank - Birmingham, AL May 2011 – Nov 2012** |
| **Role** | **Sr.NET Developer** |
| **Description:** | Regions Financial Corporation is a bank and financial services company headquartered in the Regions Center in Birmingham, Alabama. The company provides retail and commercial banking, trust, securities brokerage, mortgage and insurance products and services |

**Responsibilities:**

* Gathered business requirements, provided architecture and design for financial module for Medicare Advantage program.
* Developed a .NET batch application responsible for extracting data from FACETS and transferring it to Voyager system (enterprise wide software).
* Designed User Interfaces using **HTML, JavaScript** and **CSS3** to enhance UI experience on Client-side.
* Developed a **VB.NET** batch application responsible for processing Medicare enrollee information from Voyager into FACETS.
* Performed conversion of existing classic **ASP web applications** into **ASP.NET**, for various short-term contract projects, utilizing **C#.**
* Implemented data transport and processing using **JSON** and **XML**.
* Designed and implemented the User Interface using**JavaScript, HTML,CSS, jQuery, AJAX.**
* Used **ASP.NET MVC, HTML5** and **CSS3** to design the presentation layer of the website.Used HTML5 for re-designing the web application and Prepared various test cases to fix the bugs and ensure the application error-free.
* Experienced in developing **Win Forms.**
* Used .NET Framework class library to build user interface that separated application logic from presentation code using code behind pages.
* Designed and developed Window forms using **WPF**, and C# .NET as business layer language.
* Migrated old Data into new Database using **SSIS**
* Good Experience in various testing phases like Functional, Regression, Retesting, System Testing, Adhoc Testing, Smoke Testing, Sanity Testing, End to End Testing, User Acceptance Testing.
* Expertise in planning and managing projects based on **Agile** and Waterfall methodology covering the full range of the software development life cycle (SDLC).
* Created Stored Procedures using **T-SQL, PL-SQL.**
* Created and maintained web content and email templates relating to **Amazon Web Services**.
* Worked closely with various project stakeholders, SMEs and line of business to understand the new applications along with enhancements to existing applications.
* Experience in creating System Test Plan, Test Strategy, Test cases, Validation Reports, EOT report, Test Execution Summary report, Weekly Status Report, Project Closure activities
* Used **GIT** for version control of the source code along with the maintenance of the builds and the relevant documents of the same.

**Environment:Visual Studio 2010, SVN, SQL Server 2008, .NET 4.0/3.5, ASP.NET, Classic ASP, VB.NET, C#, Web Services (WCF), AJAX Toolkit, MVC 4.0, JavaScript, JSON, MVVM, Win Forms, JQuery, T-SQL, PL-SQL,WPF, Prism, Web Services, CSS3, XHTML, HTML5, SCRUM,SSIS, Rational Requisite Pro,Rational Unified Process, Amazon Web Services (AWS), Git**.

**Professional Experience:**

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| **Client-5** | **All State Insurance - Northbrook, ILNov 2009 –April 2011** |
| **Role** | **.NET Developer** |
| **Description:** | The Allstate Corporation is the nation's largest publicly held personal lines insurer. Allstate sells 13 major lines of insurance, including auto, property, life and commercial. Allstate also offers retirement and investment products and banking services. The scope of the project was to obtain data from different sources, consolidate and cleanse the data and merge it into one single source. The new application development was accomplished in ASP.NET; the project also involved the migration of existing product inventory to ASP.NET with backend SQL 2005/2008 as the database. |

**Responsibilities:**

* Implemented n-tier architecture by separating the User Interface (UI), Business and Data layers.
* Built reusable modules for custom solutions to achieve code refactoring saving development time.
* Extensively used **Telerik** objects like Rad Date Picker\Panel Bar\Menu\Combo Box\Grid to meet performance issues.
* Design and developed online business application using the **Silverlight 3.**
* Intensively working with Expression Graphic 3.0 for graphic design for Silverlight Developing and **Visual Studio 2008** for **Silverlight (XAML)** programming in C# for dynamically generating components in front Silverlight.
* Master and Content pages to accommodate cross browser references using CSS.
* Extensively worked with the jQuery Selectors, Events and Ajax Calls etc, and client-side operations.
* Created and consumed WCF Web Services to expose the application functionality for different applications using a **Service Oriented Architecture (SOA)**.
* Coding the presentation layer using **WPF** and service layer using Windows Communication foundation technology.
* Involved in migration of Pre-existing web forms segmentation pages to **WPF**.
* Written **SQL** queries, Stored Procedures, Cursors, triggers to handle the business rules data integrity and for various data transactions and also generating reports.
* Extensively used **XSLT** for transforming the data and **XML** manipulation in Business Layer.
* UI (User Interface) was developed using **ASP.NET web server controls, jQuery, JavaScript, HTML, XDSL, XML, XLS** and **DHTML** and **Cascading Style Sheets (CSS).**
* Designed database in **MS-SQL** and created stored procedures, functions, views to reduce the complication of front-end SQL queries and triggers to enforce entity relationships.
* Implemented Data Access Layer using Entity Framework Database First Approach and worked on CRUD operations.
* **Team Foundation server** is used as source code repository and to maintain the tasks related to the project and setting up automated builds in **TFS**.
* Developed presentation layer using server-controls, HTML controls and user and custom controls.
* Used various ASP.NET web server controls that included Site Map Path, Menu, Tree View, Grid View and Details View to develop web forms.
* Served as a resource to all teams in evaluating and proposing technical alternatives for resolving various. project issues.

**Environment: ASP.NET 4.0, VB.NET, SQL Server 2008, JavaScript, jQuery, Visual Studio 2008/2010, .NET Framework 3.5/4.0, Enterprise Library 5.0, IIS 7.5, Team foundation server 2010, WCF SOAP/REST, ADO.NET Entity Framework 4.3 N-Unit test scripts, Telerik Controls.**