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| **Pravin Baskaran**  Email: [pravin.csharp@gmail.com](mailto:pravin.csharp@gmail.com)  Phone: 225-405-8053 | **mctsmcp-logo** |  |

**Technical Skills:**

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| **Languages:** | **C#**, VB**.NET**, C++, Java, C |
| **Technologies:** | **ASP.NET** **MVC** 5/4/3 RAZOR, JSON, **Web API**, **Entity Framework**, **ASP.NET** 3.5/3.0, AJAX, **WCF**, **HTML5**, Telerik **MVC**, **Kendo** UI, CSS 3, **Bootstrap**, Web Services, Silverlight 2.0, LINQ, **WCF**, WPF, WF, XML, XSLT, XPath, T-**SQL**, **IIS**, MSMQ, MOSS 2007, **SignalR** |
| **Scripting Languages:** | **Typescript**, **Javascript**, VBScript, Action Script 2.0, |
| **Javascript Libraries** | **Angular JS** 4/2/1.5, KnockOut JS, jQuery, Require JS, HandleBar JS, Node JS |
| **IDEs:** | **Visual Studio** 2015/13/10/08, **Visual Studio** Code, SharePoint Designer |
| **DI/IoC container** | Unity, NInject, StructureMap, Spring**.NET** |
| **Version Control Tools:** | GIT, Team Foundation Server (**TFS**), Rational Clearcase, Subversion, Visual Source Safe |
| **Mocking Frameworks:** | MoQ, Rhino Mocks, NSubtitute |
| **Test Frameworks:** | NUnit, MSTest, SpecFlow, **Selenium**, CodeUI, WatiN |
| **ETL/ Reporting Tools:** | DTS, SSIS, Crystal Reports 10, SSRS, |
| **Databases:** | **SQL** SERVER 2012/08/05/00, **Oracle** 9i/10g, Sybase, My **SQL**, MS Access |
| **Operating Systems:** | Windows 98/2000/XP, Redhat Linux, Unix |
| **Graphics:** | Macromedia Flash 8.0,SilverLight 2.0/1.0, Adobe Photoshop CS2 |

**Summary:**

* Senior **.NET** Consultant with 10+ years of **IT** consulting experience on various business domains such as **Healthcare**, **Banking**, **Finance**, **State Governments**, **Education**, **Marketing**, **Oil & Gas**, **Airline** industry.
* Strong expertise on problem solving, design, analysis, implementation, testing, deployment and support of complex load balanced scalable business application solutions, front end user interface screens designs, backend **Web API**s using **C#**, web/**WCF** services, window service processor components, data stores.
* Solid experience on **OOP**s, Object Oriented Analysis and Design (OOD), and RDBMS concepts
* Strong expertise on frontend web technologies **HTML5**, CSS3, **Bootstrap**, **ASP.NET** **MVC**, Classic ASP, **ASP.NET**, **IIS** & **Javascript** libraries like **AngularJS**, jQuery, KnockOut JS, Require JS, Node JS AJAX & **Typescript** & 3rd party control libraries like **Kendo** UI, Telerik, Infragistics
* Strong expertise on developing service layer using **C#**, **Web API**, **WCF** services, SOAP Web services, Windows services, WPF, optimize app performance with dynamic caching.
* Experience on databases **SQL** Server 2012, 2008. 2005, 2000, **Oracle** 9i/10g, no-**SQL** MongoDB & ORMs tools such as **Entity Framework**, nHibernate
* Experienced on Test driven development (**TDD**), **Agile** scrum, Waterfall software development practices.
* Experience on design patterns (GOF) like Singleton, Facade, Singleton, Factory, Chain of responsibility, Inversion of Control (IOC), and Dependency injection.
* Expertise on IDE tools **Visual Studio** IDE 2015, 2012, **Visual Studio** Code & SharePoint Designer 2007.
* Solid experience in writing **SQL**, PL/**SQL** Queries, Stored Procedures, Triggers, Cursors, CTE, views, data migration using DTS & **SQL** SERVER Integration Services (SSIS) Packages, creating reports using SSRS.
* Experienced with Source Controls such as Team Foundation Server (**TFS**), IBM Clearcase, Visual SourceSafe, Subversion.
* Experienced with unit testing frameworks like MSTest/NUnit, Mock frameworks such as MoQ, Rhino Mocks, NSubstitute, and **Javascript** testing frameworks like Jasmine, Karma.
* Experienced with Automation Test frameworks like **Selenium**, CodedUI, WatiN using page object model pattern.

**Professional Certifications: Microsoft Certified Technology Specialist (MCTS)**

* MCP - Microsoft **.NET** Framework 2.0 – Application Development Foundation (70-536)
* MCP - Microsoft **.NET** Framework 2.0 – Web-Based Client Development (70-528)

**Education:**

* **MS in** **Information Technology, LSU, Baton Rouge, USA (2005 - 2007)**
* **BE in Electronics & Communication, Bharathidasan University, India (2000 – 2004)**

**Professional Experience:**

**Client: American Airlines, Phoenix, AZ (March 2016 – Present)**

**Project: Line Maintenance Operations**

**Role: Consultant - Senior .NET Developer**

**Responsibilities:**

* Work in **Agile**-Scrum development environment & participate in 2-week iterative sprint cycle comprising sprint planning, daily status notifications, sprint reviews & retrospectives.
* Support development team throughout the life cycle of design & implementation.
* Adopt **TDD** approach & write test cases using NUnit framework, MOQ for mock stubs
* Migrate Classic ASP application to new **AngularJS** integrated **ASP.NET** **MVC** **C#** application.
* Design UI screens using **ASP.NET** **MVC** Razor Views (cshtml), **HTML5**, CSS 3, **Bootstrap** for responsive design.
* Use **Angular JS** library for built in & custom directives, controllers, service providers, routing, use **Typescript** for components
* Use **RxJS** library to consume multiple asynchronous data streams on user interface using observable and observer subscriptions.
* Use **RxJS** various subscribe operators like CombineLatest, Merge, Concat, Zip, Create, FlatMap for processing each value emitting from observables.
* Build Restful API, **WCF** service component using **C#** which marshals data back & forth to **SQL** data stores via **Entity Framework**.
* Use **Entity Framework** as ORM, follow Code First approach to create entities and map entities to DB schemas.
* Use centralized dynamic **cache** data and periodically refresh cache data and cached data are polled by client browsers and avoid too many direct calls to DB
* Design database schema in **SQL** Server for data storage and write stored procedures, views, use Profiler for query tuning.
* Use MQ for receiving messages from interfacing components, process MQ messages and transform to contracts.
* Develop windows service application using **C#** to process MQ messages and store in the database.
* Use **SignalR** notifications providing real time changes from server to all connected browser clients.
* Use AutoFac for dependency injection container to registering & resolving dependent types.
* Use Unity Container for Dependency injection and loosely coupled code.
* Use **TFS** for code source control & repositories.
* Configure **TFS** builds for compiling projects and generate deployment binaries
* Create **TFS** code branches, merge code between feature branch to release branches

Environment: **Agile** Scrum, **TDD**, **AngularJS** 4/1.5, **Typescript**, HTML 5, CSS 3, **Bootstrap**, JSON, Reactive extensions (**RxJS**), **.NET** 4.5, **C#**, Dynamic **Cache**, **ASP.NET** **MVC** 5.0, **Web API** 3.0, **SQL** Server 2012, **Oracle**, **Visual Studio** 2015, **Javascript**, jQuery, **TFS**, MS Test, **Selenium**, MTM, **SignalR**, Jasmine, Karma

**Client: Dell, Austin, TX (June 2015 – February 2016)  
Project: GCMP Order Processing, EUDC MyCustomer**

**Role: Senior .NET Consultant.**  
**Responsibilities:**

* Work in **Agile**-Scrum development environment & participate in 2-week iterative sprint cycle comprising sprint planning, status updates, sprint reviews & retrospectives.
* Develop & implement, testing & deployment, support of high volume client-server web application.
* Adopt **TDD** approach & write test cases using NUnit framework, MOQ for mock stubs.
* Implement **OOP**S, Solid Principles, Design Patterns for cleaner, reusable, maintainable, extendable code.
* Design UI screens using **MVC** Razor Views (cshtml), **HTML5**, CSS 3, **Bootstrap**, **SignalR** for responsive UI
* Use **Angular JS** library for developing Single Page Application (SPA).
* Use high scalable, maintainable reusable code with modular **Javascript** for developing **AngularJS** modules
* Abstract all ajax operation calls for GET, POST, PUT, DELETE for data transfer into **AngularJS** services.
* Use built in **AngularJS** directives for attaching custom behaviors to DOM, develop reusable custom **AngularJS** directives.
* Use **AngularJS** $http service for Ajax support.
* Use **SignalR** Push notifications providing real time updates from server the connected users.
* Use Spring**.NET** to configure Pipeline component workflow, pipeline selectors to choose and run the workflow.
* Implement Async **Web API** Services, **MVC** controllers using **C#** & use Ajax on UI to fetch/send JSON data to RESTful **Web API**s end points.
* Design & develop various Pipeline components (such as Route Manager, Persister, Payment Processor, Shredder, Notify module) using **C#** which helps the Order Broker XML containing order information to be processed.
* Use jQuery for DOM traversing & manipulation, for change tracking, modular pattern for implementing **Javascript** views, and view models
* Design schema & create database & store data in **SQL** Server for data storage. Use Profiler for debugging.
* Use **Entity Framework** as ORM, follow Code First approach to create Entities and map Entities to DB schemas.
* Use Unity Container for Dependency injection and loosely coupled code.
* Use **TFS** for code source control & repositories.
* Develop Automation test cases using Page object model pattern for testing UI using **C#**, **Selenium** web driver.
* Prepare various test settings based on Globalization and execute test cases on MTM

Environment: **Agile** Scrum, **TDD**, **AngularJS**, HTML 5, CSS 3, **Bootstrap**, JSON, **Kendo** UI, Spring**.NET**, **.NET** 4.5, **C#**, **ASP.NET** **MVC** 5.0, **Web API** 3.0, **SQL** Server 2012, **Oracle**, **Visual Studio** 2013, **Javascript**, Jquery, **TFS**, Team City, Unity, Moq, MS Test, **Selenium**, MTM, **SignalR**

**Client: Farm Credit Services, Omaha, Nebraska (February 2015 – June 2015)  
Project: AgDirect**

**Role: Senior .NET Consultant.**  
**Responsibilities:**

* Work in **Agile**-Scrum development environment & participate in 2-week iterative sprint cycle comprising sprint planning, daily stand-ups, sprint reviews & retrospectives.
* Support development team throughout the life cycle of design & implementation.
* Adopt **TDD** approach & write test cases using NUnit framework, Rhino Mocks for mock stubs.
* Implement **OOP**S, Solid Principles, Design Patterns for cleaner, reusable, maintainable, extendable code.
* Design UI screens using **MVC** Razor Views (cshtml), **HTML5**, CSS 3, **Bootstrap** for responsive design
* Use **AngularJS** framework for building SPA application, use built in directives, controllers, service providers, routing, write custom directives.
* Abstract all Ajax operations for data requests into **AngularJS** services.
* Use built in **AngularJS** directives for attaching custom behaviors to DOM
* Implement **Web API** Services, **MVC** controllers using **C#** & use Ajax on UI to fetch/send JSON data to RESTful **Web API**s end points.
* Use **Kendo** TabStrips for menu rendering, **Kendo** window for popup screens, various of **Kendo** controls such as **Kendo** numeric textbox, dropdowns
* Use **Kendo** Grid for rendering tabular data & use OData query for complex queries with paging, filtering, sorting support.
* Use jQuery for DOM traversing & manipulation, KnockOut observables for change tracking, Modular pattern for implementing Javacript views, and view models, Jasmine framework to test JS view models.
* Design schema & create database & store data in **SQL** Server for data storage. Use Profiler for debugging.
* Use **Entity Framework** as ORM, follow Code First approach to create Entities and map Entities to DB schemas.
* Use Unity Container for Dependency injection and loosely coupled code.
* Use GIT & **TFS** for code source control & repositories.

Environment: **Agile** Scrum, **TDD**, HTML 5, CSS 3, **Bootstrap**, JSON, **.NET** 4.5, **C#**, **ASP.NET** **MVC** 5.0, **Web API** 3.0, **Entity Framework** 6, **SQL** Server 2012, **Visual Studio** 2013, **Javascript**, **Angular JS**, Jquery, Jasmine Test framework, **Kendo** UI, GIT, **TFS**, Unity, NUnit, NSubstitute

**Client: Enterprise Products/Hitachi Consulting, Houston, Texas (August 2014 – January 2015)  
Project: Evolve**

**Role: Senior .NET Consultant.**  
**Responsibilities:**

* Work in **Agile**-Scrum development environment & participate in 3-week iterative sprint cycle comprising sprint planning, daily stand-ups, sprint reviews & retrospectives.
* Support development team throughout the life cycle of design & implementation of highly scalable web **ASP.NET** **MVC** application.
* Adopt **TDD** approach & write test cases using NUnit framework, Rhino Mocks for mock stubs.
* Implement **OOP**S, Solid Principles, Design Patterns for cleaner, reusable, maintainable, extendable code.
* Design UI screens using **MVC** Razor Views (cshtml), **HTML5**, CSS 3, **Bootstrap** for responsive design, **AngularJS** for SPA application.
* Implement **Web API** Services, **MVC** controllers using **C#** & use Ajax on UI to fetch/send JSON data to RESTful **Web API**s end points.
* Use **Kendo** TabStrips for menu rendering, **Kendo** window for popup screens, various of **Kendo** controls such as **Kendo** numeric textbox, dropdowns
* Use **Kendo** Grid for rendering tabular data & use OData query for complex queries with paging, filtering, sorting support.
* Use **SignalR** hub objects for Push Notifcations for real time updates to UI, write **AngularJS** controller & scope objects for 2 way databinding, modular **Javascript** pattern for implementing **AngularJS** factories & services, and view models, Jasmine framework to test JS view models.
* Design database model & schema & use **SQL** Server for data storage. Use Profiler for debugging.
* Use **Entity Framework** as ORM, follow Code First approach to create Entities and map Entities to DB schemas.
* Use Unity Container for Dependency injection and loosely coupled code.
* Use GIT & **TFS** for code source control & repositories.
* Develop Automation test cases using Page object model pattern for testing UI using **C#**, **Selenium** web driver.

Environment: **Agile** Scrum, **TDD**, **.NET** 4.5, **C#**, **ASP.NET** **MVC** 5.0, **Web API** 3.0, **SignalR**, **Entity Framework** 6, Highway.Data, Code First, **SQL** Server 2012, **Visual Studio** 2013, JSON, **HTML5**, **Bootstrap**, **Javascript**, **AngularJS**, Require.js, Jquery, JqueryUI, Jasmine test library, **Selenium**, **Kendo** UI, GIT, **TFS**, PowerShell, Unity, NUnit, Rhino Mocks/NSubstitute

**Client: State of Ohio - Ohio Department of Health (ODH), Columbus, Ohio (August 2013 – July 2014)  
Project: Ryan White Care Program**

**Role: Senior .NET Consultant.**  
**Responsibilities:**

* Migrate Classic ASP Ryan White application to **ASP.NET** **MVC** application
* Build Application using **ASP.NET** **MVC** architecture and Ninject for dependency injection.
* Use **Kendo** UI extension wrappers for Grid support & displaying tabular data with paging, filtering, sorting capabilities.
* Use **Kendo** UI TabStrips for providing menu functionalities & Dialogs for popup windows.
* Use jQuery for DOM traversing, AJAX calls to minimize data transfer of JSON data, jQuery input Mask plugin for setting user entry formats, jQuery Block-UI, chosen.js, **Bootstrap** for user responsive design.
* Implemented RESTful services using **Web API** 3 (GET, Post, PUT, Delete)
* Use **Entity Framework** as ORM & generate Model from schemas with Database-First approach
* Use LINQ for Querying the Model & Automapper for View-Model to Model transformation vice versa.
* Develop SSIS Package for migrating legacy data into new system.
* Develop SSRS reports for Federal reporting.
* Work in **Agile**-Scrum development environment.
* Develop automation test cases for testing UI using **Selenium** web driver.
* Participate in 2-week iterative/scrum process including sprint planning, daily stand-ups, sprint reviews & retrospectives.
* Provide estimates for assigned development effort, implement proof of concept, prototypes and production-grade software.
* Ensure Sprint deliverables meet user stories/business requirements.
* Ensure code is well documented, tested and is of highest quality
* Conduct peer reviews, make best practice recommendations, share the knowledge between the team members on the usage of tools & technologies

Environment: **C#**, **.NET** 4.0 Framework, **Visual Studio** 2012, **ASP.NET** **MVC** 4 Razor, **Kendo** UI, **Web API**, JSON, HTML 5, CSS 3, AJAX, **Javascript**, jQuery, jQuery input.Mask, HTML 5, **Bootstrap**, iTextSharp, LINQ, Automapper, Ninject, **Entity Framework** 5.0, **SQL** Server 2012, **SQL** Server Reporting Services, SSIS, **IIS**, Web Server 7.0, **Selenium**, Windows Server 2012, Team Foundation Server (**TFS**) 2012, SpecFlow, MS Test

**Client: State of Ohio – DPS/CGI Group, Columbus, Ohio** **(April 2012 – June 2013)**

**Project: Automated Title Processing System – ATPS III  
Role: Senior .NET Consultant.**  
**Responsibilities:**

* Worked as a Team member & involved in the design and development of application using N-tier architecture that supports customization, extensibility and scalability.
* Worked with BA team & technical leads & implemented the Business rules.
* Integrated with third party applications to streamline the current Electronic Lien Transactions (ELT) and Electronic Title Application (ETA) processes to reduce maintenance and increase the speed in which it processes transactions
* Secured data at rest and data in transit through Secure Sockets Layer (SSL), data encryption, as well as standardizing user account and profile information
* Developed the application using Microsoft **Visual Studio** 2010, **ASP.NET** **MVC**, **Kendo** UI, **C#**. NET, **SQL**, JQuery, LINQ.
* Responsible for writing custom components to integrate with third-party tools.
* Responsible for designing Session, Security, Caching management components using **C#**
* Used jQuery & AJAX for enhancing the responsiveness & behavioral aspects of the web page.
* Implemented RESTful services using **Web API** (GET, Post, PUT, Delete)
* Implemented Service layer using **WCF** and configured end points with various bindings.
* Responsible for writing **SQL** Stored Procedures, performance tuning, developing ad hoc SSRS report for querying day to day customer transactions, SSIS for data transformation & migration
* Used Enterprise library for Exception handling & debug logging.
* Integrated with EDIS System – IBM FileNet P8 API to allow users to view images directly with ATPS web application
* Unit tested the application using NUnit
* Used Team Foundation Server (**TFS**) for source control, repository, bug tracker.

Environment: **C#**, **.NET** 4.0 Framework, **Visual Studio** 2010, **WCF**, **Web API** 2.0, JSON, Workflow Foundation (WF), **ASP.NET** **MVC**, **Entity Framework** 5, **Kendo** UI, **Javascript**, jQuery, LINQ, T**SQL**, HTML, XML, CSS, AJAX, **SQL** Server 2008, SSRS, SSIS, **IIS** Web Server 7.0, Windows 2008 Server, Enterprise Library 4.1, FileNET, Active Directory 2008 R2, **TFS** 2010, NUnit

**Client: Affinion Group, Columbus, OH** **(November 2011 – April 2012)**

**Project: Voyager – Consumer Asset Management Solution**

**Role: Senior .NET Consultant**.

**Responsibilities:**

* Used **ASP.NET** **MVC** Razor engine & developed Views, Partial Views (.cshtml) using custom HTML helper classes
* Separated Business & data components in the Model & used Controllers to orchestrate user interactions & build model for view generation.
* Implemented custom Model Binders, Action Filters, UI level & Model level Validations.
* Used jQuery to manipulate DOM elements, Ajax calls to **WCF** services, & improved UI with Telerik **MVC** Grid.
* Created Data Model using **SQL** Datamodeler & created DDL PL/**SQL** scripts using **SQL** Developer
* Developed **WCF** Business services with WF Activity components to route incoming calls, orchestrate services, to enforce business logic level validations of actions.
* Developed **WCF** Data Services for providing Middle tier components to various use-cases in User interface.
* Implemented service classes with a pipeline of interceptor for caching, monitoring, timing, exception handling & logging of service calls.
* Used **Entity Framework** (EF4) & Devart Dotconnect ORM data provider & generated entity classes for accessing **Oracle** 10g database.
* Developed DAO layers to transform between data contracts & entity objects query the DB using LINQ to Entities and for Entities to Business object transformations.
* Used Inversion of Control (IOC) pattern – Unity containers to inject dependent objects on runtime using constructor setters.
* Adopted Behavior Driven Development (BDD) approach & bounded business readable behavior specification (scenarios) to implementation using SpecFlow
* Used caching application block for providing caching support to **WCF** services & validation application block to validate the service call parameters.
* Implemented Service Authorization Manager and provided windows based authentication for client calls
* Used MSTest & MOQ library for mocking types for Unit testing
* Worked on **Agile** environment, standup status updates and adopted Test Driven Development approach
* Used Subversion for version control & Continuous Integration with TeamCity & Nuget for package manager, Quality Center for defect tracker.
* Shared the knowledge between the team members on the usage of tools and technologies.

Environment: **Agile**/Scrum, **Visual Studio** 2010, **.NET** Framework 4.0, **C#.NET**, **ASP.NET** **MVC** 3.0 Razor, Telerik **MVC**, Devart DotConnect, **WCF**, **Web API**, JSON, WSDL, **Entity Framework** (EF4), LINQ to Entities, MSTest, Team City 6.5, Java Script, PL/**SQL**, **Oracle** 10g, Subversion, Nuget, MoQ, Unity, Enterprise Library 5.0. HTML 5, CSS 3

**Client: JP Morgan Chase, Columbus, OH** **(September 2009 – November 2011)**

**Projects: Deposit Risk Portal, LAD Post Import Service, LAD Data Import Export Service, LAD Hold Services, LAD Meta Data Service, Deposit Risk Admin, Closing Desk, LAD Import Process**

**Role: Senior .NET Consultant**.

**Responsibilities:**

* Worked extensively on Analysis, Design, Development and Implementation of Web applications, Web services, **WCF** Services, Windows services, Business intelligence solutions using various Microsoft**.NET** technologies.
* Worked on preparing Functional design documents, technical design documents, code review documents.
* Worked closely with Technical Leads, Architects and Involve in the day-to-day development and ensured that all application deliverables meet with code review standards.
* Performed tuning & testing and render deliverable solutions for Enterprise release and off cycle release.
* Transformed business requirements into technical requirements and Involved in writing and preparing the Developer Specification documents.
* Used UML & Visio tool for preparing design diagrams, class diagrams, sequence diagrams, use-case documents using UML & MS Visio 2007.
* Worked on **Agile**-Scrum Development environment and adopted Test Driven approach
* Implemented **ASP.NET** **MVC** Architecture to separate the business logic and data of the application from the presentation by creating views, controllers
* Used **Visual Studio** 2010/2008 to Design and Implement User Interface Layer with **.NET** 3.5 Web Forms
* Designed and developed Service Layer, Entity Manager Layer, Business Logic Layer and Data Access Layer.
* Developed the Graphical User Interface (UI) using **C#.NET** & **ASP.NET** Web Forms, Infragistics Web Forms controls.
* Implemented **OOP** Concepts and Design Patterns like Factory method, Singleton, Façade, Chain of Responsibility.
* Used **C#.NET**, data grids and XML to pull the data from the database and display it on the UI.
* Extensively used ADO**.NET** and data objects such as Dataset, Data Adapter and XML Text Reader/Writer for consistent access to **SQL** SERVER 2005 data sources.
* Developed the classes and interfaces by using **C#.NET** to achieve different functionality.
* Implemented Enterprise Library Validation Application block for validating business objects.
* Designed database in **SQL** SERVER including relations, tables and views.
* Written complex **SQL** queries with Joins on multiple tables, Stored Procedures, Triggers, Backup and Restore Database, Define roles and Create database users.
* Used JQuery, Client Callable WebServices for rendering the fraud attempt analysis through the reports created using **SQL** SERVER Reporting Services (SSRS).
* Implemented LAD MetaData Service with **WCF** Service component & used EntLib Caching Application Block to cache the data to improve scalability and accessed data using LINQ to **SQL**.
* Developed UI (Views) for WPF application using WPF controls, Templates, Styles, Data bindings, Markup extensions on XAML and Implemented MVVM design pattern
* Developed ViewModel using **C#**, delegate (routing) commands, value convertor concepts and Created Model components. Unit tested the ViewModel components using dependency injection through mock objects.
* Developed SSIS packages for LAD Import Process in the **SQL** SERVER 2005 and written VB Scripts to import the deposit fraud alert files from various banking centers & fed data for Post Import Processing for placing Holds on accounts.
* Implemented the Data Access application block for interacting with Database.
* Implemented windows service applications with Multi-Threading to improve the throughput and ensured thread-safe coding by using synchronization constructs.
* Implemented Role Based security with Windows Based Authentication.
* Extensively used Application and page level tracing feature of **.NET** to trace and debug the code.
* Used Log4Net for exception handling and logging the errors.
* Involved in Unit testing using NUnit, debugging and problem solving and used Reflection Technique for writing test cases for unit testing.
* Used Quality Center for test script creation, script execution & defect tracking.
* Written Automation test cases for UI using **Selenium** web driver.
* Used MS Team Foundation Server (**TFS**) for Version Control and used NAnt and MS Build for creating builds.

Environment: Scrum, **OOP**, **Visual Studio** 2010/2008, **.NET** 4.0/3.5, **C#.NET**, **ASP.NET**, ADO**.NET**, **WCF** Service, **ASP.NET** **MVC**, WPF, XAML, WF, jQuery, SOAP, JSON, LINQ to **SQL**, NAnt, NUnit, MS Build, Java Script, T**SQL**, **SQL** SERVER 2005, SSIS, SSRS, **Selenium**, MS Team Foundation Server (**TFS**) 2008, CruiseControl **.NET**

**Client:** **Valley Baptist Health System, Harlingen, TX (June 2007 – August 2009)**

**Project: I-Care Management System  
Role: Senior Programmer Analyst**

**Responsibilities**:

* Worked on **Agile**-Scrum software development methodology
* Performed functional requirement analysis and involved in system design.
* Extensively used **OOP** concepts in implementing the project for code reusability.
* Involved in all the phases of the Project Life Cycle, N-tier Architecture.
* Developed Business and Data tier using **ASP.NET**, **C#**. NET, ADO**.NET**.
* Used ADO**.NET** extensively for data retrieving, querying, storage and manipulation.
* Configured global.asax and web.config for setting the Application and Session variables.
* Implemented AJAX on controls using **Javascript** & XmlHttpRequest object
* Implemented Forms-based Authentication to authenticate the users.
* Developed Web forms, Web Services using **C#.NET** and **ASP.NET**.
* Involved in the development of Business Logic Layer and Data Access Layer in **C#**. NET.
* Used **.NET** Validation Controls for client side validations and server side validations.
* Integrated PayPal Payflow online payment gateway with Patient encounter section for patient E-Bill Account Payments through credit Card authorization.
* Created **.NET** Crystal Reports for statistical analysis of usage of the system, which can be accessed as web report as well as in PDF format using acrobat reader.
* Developed **SQL** stored procedures for data manipulation and querying data from **SQL** SERVER database.
* Used XmlDocument, XmlReader, XmlWriter and XmlPathNavigator extensively to access XML Data
* Involved in Normalization of the database and created queries to interact with the database.
* Written stored procedures, Triggers, T-**SQL** queries in **SQL** SERVER.
* Generated various reports using **SQL** SERVER Reporting Services (SSRS) for various business requirements
* Involved in designing UML and documentation of flows, class and functional diagrams using Visio 2000.
* Used Visual Source Safe for Version Control and used NAnt and MS Build for creating builds.
* Performed unit testing on every new version before sending it for User Acceptance Test.

Environment: **Visual Studio** 2005, **C#.NET**, ADO**.NET**, HTML, Java Script, AJAX, **SQL** SERVER 2005, SSRS, T**SQL**, NAnt, MS Build, Crystal Enterprise SDK Components, pdf4Net SDK, Crystal Reports 10, XML, **IIS**, Visio, VSS, Windows 2003

**Client: Vanguard, Malvern, PA** **(October 2006 – May 2007)**

**Project: Security trading system**

**Role: Senior .NET Application Developer**.

**Responsibilities:**

* Used **Visual Studio** 2008/2005 to Design and Implement User Interface Layer with **ASP.NET** 3.0 Web Forms.
* Implemented **MVC** Architecture to separate the business logic and data of the application from the presentation.
* Created **ASP.NET** web pages, Used Telerik webgrid, webchart controls, used CSS files, performed excessive HTML formatting, and used Master pages for the uniform and rich graphic UI on the web pages, and created logos, image files using Adobe Photoshop CS2
* Implemented Server side and Client side validation modules using Validation Controls and **Javascript**.
* Extensively used ADO**.NET** and data objects such as Dataset, Data Adapter and XML Text Reader/Writer for consistent access to **SQL** SERVER 2005 data sources.
* Written LINQ to **SQL** & XML queries for reading the data from **SQL** & XML data sources.
* Developed the classes and interfaces by using **C#** to achieve different functionality.
* Extensively worked with XML, XSLT and Created XML schemas for XML validations.
* Provided the client with customized, dynamic reports of their transactions by making use of **SQL** SERVER Reporting Services (SSRS), Crystal Reports 10.
* Used the **SQL** SERVER Integration Services (SSIS) in the **SQL** SERVER2005 for the migration existing research data
* Used Team Foundation Server (**TFS**) for the Source Control management.
* Consumed Web Services (WSDL, UDDI and SOAP protocols) to retrieve current activity of the files from trading partners.
* Collaborated with other team leaders and department managers on projects and provided solutions by root cause analysis and provided technical support to the Helpdesk.
* Interacted effectively with end users at all levels of the organization and ensured high quality customer service throughout the organization.

Environment: Scrum, **Visual Studio** 2005/2008, **.NET** Framework 3.0/3.5, **C#.NET**, **ASP.NET**, ADO**.NET**, Web Services, SOAP, WSDL, HTML, XML, XSLT, Silverlight 2.0, XAML, WSDL, UDDI, SOAP, Telerik web control, NAnt, NUnit, MS Build, Java Script, T**SQL**, **SQL** SERVER 2005, SSIS, SSRS, Team Foundation Server (**TFS**) 2008, Crystal Reports 10

**Client: Campus Federal Credit Union Bank, Baton Rouge, LA** (December 2005 – December 2006)

**Project: Online Banking System**

**Role: Senior .NET Application Developer**

**Responsibilities:**

* Interact with client and gather User Requirements.
* Design and develop the GUI, Business Logic Layer and Data Access Layer.
* Developed the Web forms for creating various portfolios using **ASP.NET**, **C#**. NET, XML, Java script.
* Developed Web Services for premium calculation and coverage.
* Used Creational Design Patterns like Abstract Factory, Factory Method and Singleton
* Used **C#**. NET, data grids and XML to pull the data from the database and display it on the UI.
* Designed database in PL/**SQL** including relations, tables and views.
* Written complex PL/**SQL** queries with Joins on multiple tables, Stored Procedures, Triggers, Backup and Restore Database, Define roles and Create database users
* Used PL/**SQL** Exceptions and Optimistic Concurrency Control for Handling Data Errors.
* Implemented the Data Access application block for interacting with Database.
* Created Crystal Reports for various business requirements on Inventory, Finance, CRM modules.
* Implement Role Based security with Form Based Authentication.
* Extensively used Application and page level tracing feature of **.NET** to trace and debug the code.
* Implemented the Exception Application block for Exception Handling.
* Decided all the Security Concern (**IIS** Security, Web application security and Database Security) needs to be taken during application development.
* Wrote shell script that runs in crontab in a timely manner to get the flat files though ftp and put them in temp tables and then updating the actual table using **SQL**plus.
* Involved in unit testing, fixing bugs and maintenance of the product.

Environment: **C#.NET**, Classic ASP, **ASP.NET**, ADO**.NET**, Web Services, **Visual Studio** 2003, DTS, XML, HTML, DHTML, AJAX, **Javascript**, PL/**SQL**, **Oracle** 9i, Crystal Report, MS Visio