**Aparna**

* Over 8 years of Microsoft Professional experience in **Visual Studio.NET**using **C# C++**, **VB.NET**, **ASP.NET**, **WCF**, **WPF**, **SilverLight**, **HTML** 5, **LINQ**, **XML** and **SQL** Server **2012**.
* Hands on experience in verticals such as, Healthcare, Pharmaceuticals, Public Sector,Banking, Bio-Chemical, Insurance & Manufacturing.
* Worked in development of the User Interface part of the Web Applications and Windows Applications using **HTML**, **CSS,JavaScript**, **Angular.JS, AJAX**, **WPF** and **SilverLight**.
* Extensive experience in architecture, design and development of Client-Server and Distributed Web Applications with **ASP.NETMVC(5/4.0/3.0)**,**3-Tire** and **N-Tire** Architecture and developed services using **WCF** (Windows Communication Foundation) technologies with Microsoft Enterprise library and Web service software factory.
* Thorough knowledge of Design Patterns like **MVP**, **MVC**, **MVVM** Patterns and Singleton Patterns.
* Expertise in using**SilverLight** for better look and feel using controls, Layouts, Styles and Data Binding. Worked on themes and styling for the application
* Experience in developing presentation layer using Web For**ms**, Windows For**ms**, Windows Presentation Foundation (**WPF**) and **Expression Blend 3.0**.using **WPF** and **SilverLight** with **Prism framework**.
* Experience in design and development of **XML** Web Services, including understanding of **XML** schema, **SOAP** and **WSDL.**
* Implement **Sitecore**architecture and develop custom **Sitecore**controls to facilitate client's CMS needs.
* Experience in several **REST web services** supporting both **XML** and **JSON** to perform tasks such as remote thermostat and demand-response management.
* **REST** web services leveraged by both web and mobile applications.
* Applying Multithreading techniques for creating high performance applications.
* Excellent Experience in using scripting languages like **JavaScript** and **AJAX** (Asynchronous **JavaScript** and **XML**.Designed Applications using **UML** and Use Cases and Design Patterns, **Agile** Methodologies.
* Expertise and broad skills in object-oriented **(OO)** development including service-oriented architecture (**SOA**), and development of n-tier Web applications using industry-proven patterns & practices (i.e. **MVC**, **MVVM**, Factory pattern, Entity Framework, Singleton, Facade, etc.) including Composite UI and Different Application Blocks.
* Excellent Experience in writing Data Access Layers using **ADO.NET**, **Entity Frame Work** and **LINQ** to **SQL**.
* Extensive experience in **MSSQLServer 2016/2014/2012/2008/R2/2005/2000** Business Intelligence in **MSSQL** Server Integration Services(SSIS), **MSSQL** Server Reporting Services(**SSRS**) and **MSSQL** Server Analysis Services**(SSAS**).
* Experience working on **MSSQL** Server Databases including **Database Design, Query Tuning, and Writing Complex stored procedures while working with the large databases**.
* Created Stored Procedures, Functions and Triggers using **T-SQL** and also expert **in tuning complex Queries.**
* Used versioning tools Microsoft Team Foundation Server (**TFS**), Visual Source Safe (**VSS**), and **Tortoise SVN** for version controlling of the Application.

**Technical Skills:**

**Framework /Architecture:** .NET Framework 4.5/4.0/3.5/3.0/2.0/1.1, JQuery Mobile, SOA

**Web Development:** ASP.NETMVC{5/4/3}, ASP.NET 4.0, LINQ, WCF 4.0, WPF, SilverLight 3.0, ASP, XML Web Service, AJAX

**Scripting Languages:**Java Script/Bootstrap, VB Script, Knock out.js

**Databases:** MSSQL Server 2015/2012/2008/2005/2000, Oracle 9i/10g, MS Access

**XML Technologies**: XSL/XSLT, DOM,XPath, XSD

**Application/Web Servers:** Microsoft IIS 7.0/6.0/5.0

**Defect/Bug Tracking**: Test Track

**Version Control:** Team Foundation Server (TFS), Microsoft Visual Source Safe (VSS)

**Reporting Tools:** Crystal Reports, SQL Server Reporting Services (SSRS) 2005

**IDE:** Visual Studio .NET 2010/2008/2005/2003, Visual Studio 6

**Other Skills:**  Requirements engineering, UML, Design patterns, code reviews, testing.

**OS**  Windows 10,Vista/XP/2003/2000/NT,MS DOS,UNIX

**PROFESSIONAL EXPERIENCE:**

**Client: Trinity Health Care, Livonia, MI Duration: Feb 2015 till date**

**Role: Sr. Dot Net Developer**

**Trinity Health is a national, not for profit Catholic health system operating 86 hospitals in 21 States, along with several long-term care facilities, senior living communities, and home health and hospice agencies.**

**Responsibilities:**

* Participated in the design and development of the software and designed and coded the application components in an **Agile** environment utilizing a test driven development approach.
* Translate client's business requirements into systems design and utilize deep understanding of **SiteCore** solutions to assist in appropriate business decisions. Migrated their old website to Sitecore .
* Developed the application using **C#,C++, ASP.NET 4.6 with MVC5** with **Razor View Engine**, **AJAX**, **HTML5**, **JavaScript, CSS3.**
* Designed Frontend with in object oriented **JavaScript** Framework like **Angular.js**.
* Developed **MVC5** pattern using **Entity Framework**of the web application based on **.NET** and web technologies using**ASP.NET**, **HTML5**, **CSS,AJAX**, **JavaScript**, **JQuery/Bootstrap**, **Multithreading, Entity Framework**.
* To implement the functionality for the plugin using **C#, WPF, MVVM, WCF and Entity Framework**.
* Developed spending plan complex **MVC** Controller (Implemented Angular Controllers to maintain each view data), View Models and Helper methods linked to backend database.
* Developed **WCF** service to send customer data for registration.  Developed **WCF** service to send the medical records to encryption module.
* Implemented Patterns like **MVVM** in working with **WPF**.
* Developed web services using **Restful and SOAP**protocols.
* **Restful** web service development.
* Involved in writing application level code to interact with **RESTfulAPIs**, Web Services using **AJAX, JSON and XML.**
* Used **Ajax** in communication for consuming **RESTfulAPI** web services data load.
* Developing **RESTful** WCF Services for each module.
* Integrated **WebApi**help pages (MVC) into a self-hosted **WebApi**service.
* Very good experience in Debugging**IIS** Web Server connection problems and Database connectivity problems.
* Extensively worked on creating **CSS**, **Master Pages**, Theme and Site Definition to enrich the portal using **SharePoin**t Designer.
* Develop stored **procedures, functions, and triggers**using **SQL** and **T-SQL** in MS **SQL Server** for **fetching data** and binding, created automated **Unit Tests** and involved in writing **Test Plans** for user **testing**.
* Created custom entities in entity framework to connect data access layers and sql server 2012.
* Applying Multithreading techniques for creating high performance applications.
* Worked in developing Custom Report and different types of Tabular Reports, Matrix Reports, Ad hoc reports and distributed reports in multiple formats using **SQL** Server Reporting Services **(SSRS)**.
* Used Microsoft Team Foundation Server (**TFS**) for all the source code maintenance among the whole team members.

**Environment**: VisualStudio2013/2012/2010, C#, WCF, WPF, .NET 4.0, ASP.NET MVC5, VB.NET. Visual Basic 6.0, Silver Light, Web API, Entity Framework4 (Code First),XML, Angular.JS, HTML, ASP.NET MVC, ADO.NET, LINQ,Three Tier Architecture, SQL SERVER 2008/2012, SQL Assistant 12.0, SSIS, IIS ,JSON, JavaScript, Crystal Reports, TFS, Windows Server, Agile / Scrum, N-Unit-Test.

**Client: Honda ,Los Angeles, CA July 2013- Dec 2014**

**Role: Sr. Dot Net Developer**

**Honda is a Japanese Public Multinational Corporation primarily know as a Manufacturer of automobiles, motorcycles and power equipment.**

**Responsibilities:**

* Involved in Interaction with **BA** team on a by-weekly basis to gather requirements and also involved in creating Business Requirements documents (**BRDs**) based on Requirements.
* Managed requirement gathering, development, managed offshore development team and deployment. **Sitecore API's** were used for building the web site.
* Made several enhancements for clients to their existing **Sitecore** solutions based on the needs of the organization
* Working with design team to analyze the Requirements, creating Design documents and Technical Definition Documentation.  Trained and worked in **Agile/Scrum** Development Methodology.
* Designing the user interface, writing code for the various layers in the application like Controllers, Services, Business Logic and Repository etc. using **ASP.NET** **MVC** and **Entity Framework**.
* Worked on Code First approach for the **MVC and Entity Framework** for designing the models.
* Developed the application using **C#**, **ASP.NET** with **MVC** 4 with **Razor View Engine**, **AJAX**, **HTML**5, **JavaScript**, **CSS3.**
* Developed spending plan complex **MVC** Controller (Implemented **Angular** Controllers to maintain each view data), ViewModels and Helper methods linked to backend database
* Designed Web Form Application using **Visual Studio C/C++, .NET 4.5 Framework.**
* Involved in developing the application in **C#**.Net and **ASP.NET** **MVC** as the web technology.
* Developed GUI using **ASP.NET**, **HTML**, **CSS3**, **JavaScript**, **JQuery.**
* Developed applications in **SharePoint**2013. Created Web parts in **SharePoint**2013 and developed Master Pages by using **Office** 365.
* Involved in writing application level code to interact with**RestfulAPIs**, Web Services using **AJAX, JSON and XML.**
* Developed web services using **Restful and SOAP** protocols.
* Developing **RESTful WCF** Services for each module.
* Used **Ajax** in communication for consuming **RESTfulAPI** web services data load.
* Integrated **WebApi** help pages (MVC) into a self-hosted**WebApi** service.
* Worked on **AngularJS** framework in most of the pages which includes web parts. Developed service-oriented architecture, **APIs, JSON.**
* Develop **storedprocedures, functions, and triggers**using **SQL** and **T-SQL** in MS **SQL Server** for **fetching data** and binding, created automated **Unit Tests** and involved in writing **Test Plans** for user **testing**.
* **Created Schemas, Logins, Tables, Clustered and Non-Clustered Indexes, Views, Functions and Stored Procedures.**Used **LINQ** to **SQL**, **LINQ** to Lambda functions, and **LINQ** to Objects for retrieving the data efficiently and Just in Time manner.
* Scheduled reports for daily, weekly, monthly reports for executives, Business analyst and customer Representatives for various categories and regions based on business needs using **SQL Server Reporting Services (SSRS).**
* Used Microsoft Team Foundation Server (**TFS**) for all the source code maintenance among the whole team members.

**Environment**: VisualStudio.NET 2012/2010/2008, ADO.NET, WCF, JQuery, Entity framework, C# .NET Framework 4/4.5, Silver Light, XML, Angular.JS, HTML,ASP.NET MVC 5, ASP.NET, ADO.NET, Three Tier Architecture, Tortoise SVN, SQL SERVER 2008/2012,Facets 5.01 & 5.2 Oracle SQL Assistant 12.0, SSIS, DTS, IIS 7.0, JavaScript, Crystal Reports, TFS, Windows Server, Agile / Scrum, NUnit-Test.

**Client: Bio-Cryst Pharmaceuticals, Durham, NC Jan 2013 to June2013**

**Role: Sr. Dot Net Developer**

**Bio- Cryst is a pharmaceutical company focuses on orphan &autoimmune diseases, and antivirals. It utilizes strategic partnerships early in the drug identification process through in-licensing of drug tests. BioCryst has also established collaborative relationships for development and commercialization of product candidates to expand its geographic reach beyond the United States.**

**Responsibilities:**

* Used **Agile** Methodologies for regular adaption to changing requirements and continuous delivery of useful and working software.
* Managed requirement gathering, development, managed offshore development team and deployment. **Sitecore API's** were used for building the web site.
* Involved in the creating Websites using **ASP.NET**
* Developed the application using **ASP.Net MVC 5.0** with **Razor** View engine**, C#, AJAX, JQuery**/**Bootstrap**,**HTML5**, **CSS3,** and **Angular JS,java script** techniques also developed desktop applications using **C#** and **VB.NET.**
* Designed **UI** screens and code using **Visual Studio 2010/12**, **WPF**, **VB.Net, AJAX**, **XML** and **CSS** with object oriented programming techniques. Used various features of **C#** and **VB.Net**.
* Designing Models, Views and Controllers and implementing them using **MVC** (CTP 3 & 4) framework.
* Integrated **WebApi**help pages (MVC) into a self-hosted **WebApi**service.
* Created **WCF** Services responsible for communicating and providing real time data from integrated server to Client Application.
* Used **WCF** Web Service to consume and bind data to **WPF** Controls.
* Developed web services using Restful and SOAP protocols.
* Involved in writing application level code to interact with **RESTfulAPIs**, Web Services using **AJAX, JSON and XML.**
* Used **Ajax** in communication for consuming **RESTfulAPI** web services data load.
* Developing **RESTful WCF** Services for each module.
* Business logic layer is written Using **C#**, **LINQ** to **SQL**.
* Installed **SQ**L Servers and applied hotfixes and service packs for Production and Development environments.Designed and developed Cloud Service projects and deployed to Web Apps.
* Generated reports using **SSRS** and integrated with web application.
* Used Team Foundation Server(**TFS**) for Source Code Control, project related document sharing and team collaboration.

**Environment:** Visual Studio, .NET Framework 3.0, IIS, MVC,WCF, WPF, SQL Server 2008 R2, WCF, Silver Light, MS SQL Server Management Studio 2008, MS Source Safe, Entity Framework, Database, ADO.NET, Windows Server 2008, HTML, XML, XSLT, AJAX, BizTalk 2010, WSB, XSLT, SharePoint, TFS, Agile Methodology.

**Client: Florida Power and Lights, Juno Beach, FL Feb 2012 to Dec 2012**

**Role: Dot Net Developer**

**Florida Power & Light Company (FPL), the principal subsidiary of NextEra Energy Inc. is a Florida based power utility company serving roughly 4.7 million accounts and 9 million people in Florida.**

**Responsibilities:**

* Effectively involved in various stages of the development starting from the Project planning till production and maintenance using **Agile Methodology(SCRUM)**.
* Designing the user interface, writing code for the various layers in the application like Controllers, Services, Business Logic and Repository etc. using **ASP.NET MVC** and **Entity Framework.**
* Implemented **ASP.NET MVC** pattern mechanism to display product catalogs and categories.
* Used **ASP.NET MVC** pattern. Implemented views, controllers and providers using **C#.**
* Integrated **WebApi** help pages (MVC) into a self-hosted **WebApi service**.
* Worked extensively on the UI, created Views by utilizing MVC 3, created View models and wrote client side validations using **JQuery and Knock out.**
* Developed and used various Web forms, Custom Controls and User controls **using ASP.NET, C# and JavaScript.**
* Developed web services using **Restful and SOAP** protocols.
* Wrote **SPA** (Single Page Web Applications) using **RESTFUL** web services**Angular JS**.
* Implemented **UI** (User Interface) using **ASP .Net 3.5** web server control, **JavaScript**, **HTML**, **JQuery/Bootstrap** and Cascading Style Sheets **(CSS**).
* Using soap based **WCF** service to communicate between the host web application and the client Silverlight application.
* Experienced in maintaining a session of messages between a client and a service using Windows Communications Foundation (**WCF**) facilities.
* Windows Presentation Foundation (**WPF**) was used for the in-store desktop applications and for developing **GUI**.
* Used **Ajax** in communication for consuming **RESTfulAPI** web services data load.
* Used and created Language integrated query (**LINQ**) for getting Lists, arrays and collections.
* Extensively used **ADO.NET**, **LINQ** to **SQL** and the Microsoft Enterprise Library for in-depth data retrieval, querying and other activities from **SQL** Server
* Extensively involved in designing the **SSIS** packages to export data of flat file source to **SQL** Server Database.
* Responsible for automation of build and development of**DNN** modules using **TFS**.

**Environment**: VisualStudio2013/2012/2010, C#, WCF, WPF, .NET 4.0, ASP.NET MVC5, VB.NET. Visual Basic 6.0, Silver Light, Web API, Entity Framework4 (Code First),XML, Angular.JS, HTML, ASP.NET MVC, ASP.NET, ADO.NET, LINQ, Three Tier Architecture, SQL SERVER 2008/2012, SQL Assistant 12.0, SSIS, IIS ,JSON, JavaScript, Crystal Reports, TFS, Windows Server, Agile / Scrum, N-Unit-Test.

**Client: U.S. Bancorp, Minneapolis, MN Dec 2010 to Jan2012**

**Role: Dot Net Developer**

**U.S. Bancorp, is an American financial services holding company based in Minneapolis, Minnesota, that is the parent company of the U.S. Bank National Association, known as U.S. Bank, the 5th largest commercial bank in the United States.**

**Responsibilities:**

* Involved in all phases of the life cycle of the project including requirement study, design, development, deployment and testing.
* Developed Application using **.NET Framework 3.5**, Object Oriented Principles (**OOP**) (**C#** and **VB.NET**), and **n-Tie**r Architecture.
* Development of (**MVC**) Model, View, Controller framework using **C#.**
* Used **ASP.NET MVC**Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions on the mode.
* Integrated Active Directory with intranet **MVC** applications.
* Developed the applications using **C#, ASP.NET MVC**, **AngularJS**.
* Worked on UI prototypes and screens to build intuitive and rich interfaces.
* Used **Ajax** in communication for consuming **RESTful API** web services data load.
* Developed web services using **Restful and SOAP** protocols.
* Designed Graphical User Interface (**GUI**) for various web pages using **AJAX**, **HTML**, **CSS**, **JavaScript**,

**JQuery/Bootstrap** and **Silver Light**.

* Involved in maintenance and enhancements of an application using **Microsoft .NET Framework 4.0,VB.NET, ASP.NET, LINQ, WCF, AJAX, JavaScript, jQuery, XML, WPF WEBSERVICES**.
* Using **soap** based **WCF** service to communicate between the host web application and the client **Silverlight** application.
* Refactored key components to build and expose their **SOA** versions for greater accessibility.
* Used Microsoft **ADO.NET** to access data from database in a web application.
* Develop stored procedures, functions, and triggers using **SQL** and T-**SQL** in **SQL** Server 2008 for fetching data and binding, created automated Unit Tests using Nun it and involved in writing Test Plans for user testing.
* Developed Unit Test Cases to ensure that the code met its design and behaved as intended.
* Used **TFS** for version control during development.

**Environment:** Visual Studio.NET 2008, C#.NET 3.0, VB.NET 3.0,angula ADO.NET, MVC, LINQ, XML, MVVM, SQL Server 2008, TFS, CSS, JavaScript, JQuery, JSON, NUnit, Multi-threading etc.

**Client: Bio-Synthesis, Inc., Lewisville, TX Dec 2009 to Nov 2010**

**Role: Dot Net Developer**

**Bio-Synthesis Inc., is a biotechnology company. It is a provider of custom and catalog peptides, custom Antibodies, Organic Synthesis and Analytical Services. Bio-Medical researches worldwide in universities, biotech companies, private clinics and government agencies use products from Bio-Synthesis Inc.**

**Responsibilities:**

* Implemented 3-layered architecture for separate business, data-access and front end processing.
* Used VB, **C#**, PowerShell Script to implement project.  Worked on **ASP.NET** State management, **ASP.NET** caching features, configuring **ASP.NET** optimizations, securing **ASP.NET** web application with Visual studio(VS) environment.
* Involved in different phases of the life cycle including requirements, design, analysis, coding, testing and performance testing.
* Worked with Model View Controller (**MVC)** Design Framework & AngularJS in developing Single Page Application.
* Developed User Interface using **ASP**, **HTML**, **VB Script** and **JavaScript, JQuery/Bootstrap** including code to support both Internet Explorer and Netscape browsers.
* Created Service Layer using **C#** and **WCF**.
* Used **Ajax** in communication for consuming **RESTfulAPI** web services data load.
* Developed web services using **Restful and SOAP** protocols.
* Developed functions to transform **XML** data using **XSL** templates.
* Used **ADO.NET** Object Model to Interact with **SQL** Server Database using **C#**.
* Wrote T-**SQL** queries, T-**SQL** Stored Procedures and Triggers, which will execute against **SQL** Server 2008 database in order to extract the appropriate data for each report.
* Developed **Tables, Indexes, Stored procedures, Database Triggers and Functions.**
* Involved in the application and database design including writing Technical Design Documents **TDD**.

**Environment**: VisualStudio2013/2012/2010, C#, WCF, WPF, .NET 4.0, ASP.NET MVC5, VB.NET. Visual Basic 6.0, Silver Light, Web API, XML, Angular.JS, HTML, ASP.NET MVC, ASP.NET, ADO.NET, LINQ, Three Tier Architecture, SQL SERVER 2008/2012, SQL Assistant 12.0, SSIS, IIS ,JSON, JavaScript, Crystal Reports, TFS, Windows Server, Agile / Scrum, N-Unit-Test.

**Client: SafeAuto Insurance Company, Columbus, OH May2009-Oct2009**

**Role: Dot Net Developer**

**Safe Auto Insurance is a property and casualty auto insurance carrier. It is a privately held carrier and provider of state minimum private-passenger auto insurance for drivers in the nonstandard insurance market in 17 states across the country.**

**Responsibilities:**

* Interacted with business analysts and worked on the application specifications to develop detailed functional, technical design, and test specifications that fully satisfy business requirements.
* Developed GUI using **ASP.NET** and implemented the code. Extensively used **ADO.NET** to access **SQL** Server database.
* To implement the functionality for the Dovenmuehle Export screen using **C#, ASP.NET MVC 3 andSilverlight**.
* Worked with Model View Controller (**MVC**) Design Framework &**AngularJS** in developing Single Page Application(**SOA**).
* Expertise in developing web applications using **AJAX, HTML, XAML, JavaScript, CSS, XML,** Web Services &**WCF**.
* Developed web services using **Restful and SOAP** protocols.
* Created **CSS** files to be applied to various web forms on the web pages.
* Involved in building a rich web experiences using **JavaScript**.
* Developing **RESTFUL** and **SOAP** based **WCF** web services for 3rd party clients.
* Developed **WPF** screens for the portal as well as designed them.
* Developed **.Net** Classes and domain objects and successfully utilized available Web services
* Used **XML** and **XSL** Transformations to display content on the website.
* Developed Web Services invoking them by using **XMLSOAP** and WSDL tool for creating proxy classes.
* Used Web Services (**SOAP**, WSDL) for communicating with other application and components.
* Created **XML** File Parsers to retrieve Data using **XPATH**.
* Deployed web application on Internet Information Server**IIS** for production.
* Used **Ajax** tool kit, Multi views, regular expressions, regular expression validates, user search controls.
* Wrote Data Access Layer Methods (**ADO.NET**), T-**SQL** Queries, Store Procedures, and **SQL** User Defined functions for fetching Transaction details, Customer Details, and Product Configuration data.
* 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.
* Worked with Data Transformation Services (**DTS**) for the data layer.
* **Environment:** Microsoft Visual Studio.NET, C#.NET,MVC,restful;,ADO.NET ,Lead tools, SQL Server 2005, SOAP.

**Education:** Bachelors in Electronics.