**Prathyusha.M**

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**Professional Summary:**

* **Around 9** years of professional software experience in gathering Requirements, Analysis, Design, Development, Maintenance, Enhancement and Production Support of Web Applications using **Microsoft** Technologies.
* Strong experience in Client/Server and Web Based applications using **C#, ASP.NET Web Forms, ASP.Net MVC, VB.Net, WCF, Web API, Angular JS, Entity Framework, LINQ, ADO.NET, Microsoft SQL Server, XML Web Services, WCF, RESTful** and **WPF/Silverlight.**
* Strong experience in Web Technologies like **HTML5, JavaScript, JQuery, XML, XSL, XSD, DTD, XML Schemas.**
* Experience in creating **CSS (Cascading Style Sheets), Themes and Skins** for Web applications.
* Extensive experience in Relational Database **(RDBMS)** Design, Database & Query Optimization, **Performance Tuning**& Indexing and Implementation of database objects including **Tables, Views, Stored Procedures, Functions** and **Triggers** using **MS SQL Server**.
* Experience in development and implementation of Restful **Windows Communication Foundation (WCF)** and also responsible for developing **WCF** based Service, Data and Fault and Message Contract services.
* Hands on experience in design using **Object Oriented Programming** Principles like **Encapsulation, Inheritance, Polymorphism, Reusability** and **SOLID principle.**
* Designed, configured and deployed **Microsoft Azure** for a multitude of applications utilizing the Azure stack.
* Clear understanding of **ASP.NET** with good knowledge of language such as **Query/JavaScript, HTML5** and **CSS3** with fair knowledge of **Angular JS, MVC.**
* Strong experience in system/application **analysis, design, development, testing, deployment** and **maintenance** of business applications using **SOA/N-tier architecture** with **ASP.NET, C#, Multithreading .NET, TPL, Web Services, XML, XSLT.**
* Experience in design and development of **Silverlight** and **WPF** applications using **MVVM** pattern.
* Experience in developing **ASP.NET** Web custom controls, user controls,Data Controlslike **Data Grid, Rich UI** with extensive use of **ASP.NET, Angular JS, Bootstrap** and **JQuery.**
* Experience on **UI Design** using **Telerik** controls, **Bootstrap** and **AJAX** control toolkit.
* High expertise with **SQL Server Business Intelligence Tools – SSRS, SSIS.**
* Experience with design and development of applications using **MVC, MVVM** design patterns.
* Developed, configured and deployed a variety of **.Net Framework Applications** including **WinForms**, **Web Forms**, **Web Services** and **Windows Services**.
* Experience in **Version Management** using **Visual Source Safe (VSS)**, **Subversion, GIT** and **TFS.**
* Good understanding of **Common Language Runtime (CLR)** and its characteristics.
* Experience with all the phases of **Software Development Life Cycle (SDLC).**
* Experience working on both **Waterfall** and **Agile** methodologies.
* Experience in performing **Test Driven Software Development.**
* Able to operate both independently and in a team environment.
* Good at written and verbal communication skills at the organization level.

**Technical Skills:**

**Frame Work:** Microsoft .Net 4.6, 4.5 ,4.0, 3.5, 2.0

**Web Technologies:** ASP.Net, ASP.Net MVC, ADO.Net, Entity Framework, LINQ to SQL, Web Services, WinForms, Windows Services, WebForm, WPF, WCF and Web API, LINQ.

**Languages:** C#, VB, SQL, XML, HTML, C++, C.

**Database:** T-SQL, SQL Server 2014, 2012, 2008, 2005; MySQL, Oracle 12C/ 11g/ 10g

**Database Programming:** Stored Procedures, Views, Functions and Triggers, Cursors in MSSQL, Oracle (PL/SQL).

**Scripting:** JavaScript, jQuery, Bootstrap, AngularJS/ 2, Kendo UI, Node.JS.

**Testing Technologies:** NUnit, MOQ, Jasmine, Selenium, SOAP UI.

**IDE:** Visual Studio 2017, 2015, 2013, 2012, 2010, 2008; Dream Viewer.

**App. /Web Servers:** IIS 7.5, 7.0, 6.0, 5.0.

**Operating Systems:** Windows 10, 8.1, 7, XP, Ubuntu 16.04

**Source Controls:** TFS, VSS, GitHub.

**Work Experience**

**Client: Citigroup - Irving, TX July 2017 – Till Date**

**Role: .NET Developer**

**Responsibilities:**

* Worked with SDLC involving Services Layer, Data Access Layer, and Business Layer
* Extensively worked on User Interface pages (aspx) using C#, CSS, HTML, AJAX, Java Script and to implement complex Business Rules and Validation of front end forms
* Creating the models, views and controllers using ASP.NET MVC 3, C#.NET.
* Implemented Caching, Session State, Cookie Management, view state, POST and GET techniques.
* Developed Business Logic layer by implementing Object Oriented Programming Language (OOPs) features like Inheritance, Polymorphism , Abstraction and Encapsulation in C#
* Created scripts to create new tables, views, queries for new enhancement in the application using TOAD.
* Creating the models, views and controllers using ASP.NET MVC 3, C#.NET.
* Extensively worked on User Interface (views) using CSS, HTML, AJAX, Java Script, JQuery and Bootstrap.
* Worked with the system responsible for extracting data from FACETS and created custom transformations using SSIS and writing reports in Crystal ReportsXI and SSRS.
* Used Entity Framework for database operations.
* Used Agile methodology to implement the application.
* Worked on Maintenance of database-backed websites.
* Implementing business logic's in server side, and integrating Data Access Layer (DAL) with Business Logic Layer (BLL).
* Responsible for code merging using Microsoft Team Foundation Server (TFS) and for other source code maintenance needs
* Designing the WPF, WCF Services based on the requirement and created separate WCF services project which is integrated with BLL.
* Demonstrated experience with REST full services, WCF and other Web Services technologies (WSDL, SOAP, etc.), JSON, XML, XSL, and serialization.
* Used SOAP protocol for accessing web based services and communication between applications
* Consumed the WCF services using JQuery Ajax calls to enable effective communication
* Worked with Windows Workflow Foundation (WWF) tool PageFlowGUI all over the project life cycle
* Extensively used Visual Studio 2012 development tool for building Web Application.
* Analyzed business processes to identify challenges and created solutions through the use of database and communication software across the entire company
* Manage database security, Design, develop and implement automated data backup.
* Assisted in developing database objects like Tables, Views, Stored procedures and updating the databases
* Analyzed test results, including user interface data presentation, output documents, and database field values, for accuracy and consistency.
* Assisted in preparing presentations and scheduling meetings.
* Prepared unit test cases and performed N-Unit Testing prior to system implementation.
* Based on the support tickets, fixed bugs on priority basis.
* Performed and resolved cross-browser issues, Unit Testing and Documentation along with N-unit testing.

**Environment:** Visual Studio 2015/2012, Azure, FACETS, Asp.Net MVC 5.0, AngularJS, WCF, C#, AJAX, ExtJS, Jquery, ADO.NET Entity, WCF, HTML, CSS, JavaScript, TDD, Silverlight, IIS 7.0, MS Visio, SQL Server 2016/2014, WPF, Management Studio, Web Services, SSRS, TFS, React JS, MS Excel.

**Client: Tetrus Corp Princeton, NJ Sept2015 - June 2017**

**Role: .NET Web Developer**

**Responsibilities:**

* Involved in the complete **Software Development Life Cycle** including Analysis, Design, Implementation, Testing and Maintenance.
* Created **WCF**, **WCF REST** Services and used different bindings to make it available to different types of clients.
* Developed **Restful API** to let clients connect to secured servers.
* Implement **agile scrum methodology** in application development.
* Utilized **LINQ** technology extensively for data retrieving, querying, storage and manipulation**.**
* Designed the web **UI**using **ASP.NET, HTML, DHTML, XSL/XSLT, JavaScript, CSS, Web Forms, Win Forms** and **AJAX** controls.
* Developed custom branded website for SharePoint 2013 with Design Manager, Custom Master Page, Page Layouts, Bootstrap, CSS, JQuery, JavaScript.
* Created **User Controls, Custom controls, Data Access Layer, Business Logic Layer** Classes using **C#** an**d .Net 4.0 for** web pages.
* 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.
* Responsible for designing the **ASP.NET** application authentication using .NET Framework, Model View Controller **MVC** and **IIS security** model.
* Developed windows application using **Win forms** and **SOAP** based **WCF** services for data access.
* Used **ASP.NET MVC** framework to support the use of **Dependency Injection** to inject objects into a class, instead of relying on the class to create the object itself.
* Created a new table in the **SQL Server** database using **Entity Framework** Code First.
* Implemented **Database First EDMX** and used **LINQ to Entities** to massage the Data and optimized the Query Expressions.
* Developed the application with n-tier 3-tier architecture using **.NET 4.0** **ASP.NET C# /VB.NET WCF SQL Server**and **Visual Studio 2012** as **IDE**.
* Responsible for front-end development and client-side validations using **JQUERY, JavaScript, Angular JS, Bootstrap.**
* Created and maintained database objects like complex **Stored Procedures**, **Triggers**, **Cursors**, and **Tables**, **Views** and **SQL Joins.**
* 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.
* Analysed and designed new **WPF application** using **MVVM** and **Repository pattern,** from design to completion.
* Worked Extensively with **Query Optimization** Techniques to Fetch Data with better **Performance Tuning**.
* Used **Enterprise library** for Database Connection and writing exception manager component, which creates a log file in event viewer.
* Implemented**Unit Testing, Integration Testing** and **System Testing** using **NUNIT**.
* Responsible for maintaining versions of source code using **Team Foundation Server 2010**.

**Environment:**Visual Studio 2012, C#.NET, ASP.NET, WCF, Entity Frame Work 6.0, HTML5, CSS3,.Net Framework 4.5 Angular JS, JavaScript, JQuery, TFS 2010, IIS 7.0, TDD,AJAX, WPF, Azure, ADO.NET, MVVM, MVC, LINQ, XML, SQL Server 2008 R2/2012, UML, Windows Server 2008 R2/2008.

**Flexible Plan Investments Ltd, Livonia, MI July 2014 – Aug 2015**

**.Net Developer**

***Responsibilities*:**

* Designed and developed intranet web application using **ASP.NET MVC** framework.
* Developed extensive client side scripts and validation functions using **JavaScript**.
* Followed the Scrum **Agile** Methodology during development of the project.
* Designed and developed the user interface using **ASP.NET**, **Telerik, CSS, BOOTSTRAP** and **HTML**.
* Used custom controls and User controls for designing screens in Client application.
* Extensively used **AJAX** for partial page execution and asynchronous data transfer from web server to the client.
* Extensively created and deployed **WCF** services, implemented binding, endpoints and service contracts
* Developed user interfaces using Tiles with **JSP, HTML and JavaScript**.
* Design the UI standards for the application using JavaScript, ExtJs, AJAX and **JQuery.**
* Made the application multi-page and responsive user interface using **JQuery.**
* Developed several **JavaScript** functions for popup windows and screen printing options.
* Developed the required Business Layer of the application using **C#.NET.**
* Designed and coded the **Winforms** and implemented the logic using **C#.NET**.
* Implemented the whole application based on **OOPS** concepts by using Classes.
* Involved in creating the unit tests for the application in **C#.NET**.
* Designed and developed Databases in **SQLServer2005** which includes the development of functions, stored procedures and triggers using **PL/SQL.**
* Experience in data mapping using JSON and conerting them into XML data files into the Organization.
* Wrote **SQL** queries and Stored Procedures for accessing data from **SQLServer2005**.
* Used **SSIS** Packages for extracting, transforming and loading data into data warehouse.
* Used **LINQ** for Querying set of data
* Used **TFS** (**Team Foundation System**) as version control manager.
* Involved in Documentation of developed Components and modules.
* Involved in fixing the Bugs as per the requirements.

***Environment***: ASP.NET 3.5, C#.NET, Winforms, ADO.NET, HTML, CSS, JavaScript, JQuery, WCF Services, Visual Studio 2008, SQL Server 2005, Crystal Reports, JSON, T-SQL, IIS 7.0, IHE Standards, TFS, SSIS.

**Mayo Clinic - Rochester, MN Oct 2013 to Jun 2014**

**ColdFusion Developer**

**Responsibilities:**

* **Worked in various stages - design, development, and testing.**
* Designed, Developed, Implemented, and Supported existing and new applications
* Supported a variety of web-based Manufacturing applications
* Developed web based applications using Cold Fusion, DHTML, CSS, CFML, JavaScript and Ajax.
* Upgraded/Migrated current application from CF 8 to CF 9 version
* Developed web based applications using ColdFusion, DHTML, CSS, CFML.
* Done enhancements to the existing applications as defined by the Specification Documents
* **Used SVN as version control tool to perform checking-out and checking-in of codes from the repository.**
* Worked on stored procedures in Sybase.
* **Developed Unit Test Scenarios and tested Test Scenarios in Rest API using NUnit.**
* Used fuse box and Cold spring frameworks extensively and appropriately.
* Worked on stored procedures, triggers and cursors in Oracle
* Developed technical design documents and UML diagrams using MS Visio
* Used ColdFusion reports for integrating with websites, also for analyzing data.
* Creating Flex AIR desktop applications, with the use of XML, Photoshop, flash etc.
* Integrating FLEX applications with COLDFUSION.
* Developed Pages using ColdFusion Report Builder in PDF and Excel formats.

**Environment:** ColdFusion 8.0/9.0, Sybase 6.0, MS SQL Server 2008/2008R2/2012, HTML 5, Xml, Fuse box, Tortoise SVN, Java Script.

**Client: Future Media India Ltd India July 2012– Sept 2013**

**Role: .NET Web Developer**

**Responsibilities:**

* **Developed** solutions for diverse **programming** scenarios in **C#, employing Object Oriented Programming (OOP) concepts** such as: **Encapsulation, Inheritance, Polymorphism**, and Abstraction.
* Created &**hosted WCF Services**and used different bindings to make it available to different types of clients.
* Created User **Controls, Data Access Layer, Business Logic Layer Classes** using C# and .Net 3.5 for **webpages**.
* Written Stored Procedures in **SQL Server 2008usedLINQ** to **Entities** to bind the data to Grid View, Data List, Details view, Repeaters for data manipulation.
* Created and maintained database objects like **complex Stored Procedures, Triggers, Cursors**, and **Tables, Views** and **SQL Joins.**
* Used **ASP.NETMVCPage Controller** pattern to add functionality to individual pages such that to accept input from the **page request, invoke** the requested actions on the mode.
* Responsible for designing the **ASP.NET application** authentication using .**NET Framework,ModelView Controller MVC** and **IIS security model.**
* Responsible for **maintainingversions** of source code using **Team Foundation Server 2010.**
* Used **OData** to retrieve results in formats like **Atom, JSONor plain XML**, including pagination, order and data filter.
* Used WPF in creating custom controls, various animated **scenes** using the **combination** of **transforms**, **animationcontrols** and color **effects**.
* Coordinated with different teams and created **supportticket** for **differentissues**, **analyzed** root cause and assisted in efficient resolution of all **production processes.**
* Extensively used crystal reports and **SQL Server Reporting Services (SSRS)** for generating reports **populated** by **data** in **databases**.
* Used Reactive Extensions library for **composingasynchronous** and event-based programs using observable sequences and **LINQ-style query operators**.
* Involved in unit-**testing web applications** and in **TestDriven Development (TDD).**
* Used Team **Foundation Server (TFS**) for **versioncontrolling** and assisted in **documentation** and **creating Help files**.

**Environment:** .Net 3.5, ASP.Net MVC 3, C#, ADO.Net, LINQ to SQL, AJAX, HTML, MS Visual Studio 2010, WCF, WPF, CSS, Win Forms and SQL Server 2008.

**ICICI Bank. Hyd, India July 2009 to June 2012**

**.Net Developer**

**Responsibilities:**

* Created **ASP.NET** pages using **C#.NET** for middle-tier processing of client requests with **ADO.NET** interfaces for database and implemented **stored procedures**
* Used **ADO.NET** and data objects such as **Data Adapter**, **Data Reader**, **Dataset**, data table for consistent access to **SQL** data sources
* Involved in the design and development of **WinForms** using **VB.Net**
* Worked in **WPF, C#, ASP.Net, VB.Net** for **GUI** design and business logic implementation
* Provided Windows based and Form Based Security for Login and Authentication.
* Used **WCF** Services to communicate between web tier and app tier
* Back end Experience in **MS SQL** Server development, writing **T-SQL** stored procedures, triggers, **UDF's**, views and also indexes.
* Used **Enterprise library** for Database Connection and writing exception manager component, which creates a log file in event viewer.
* Implemented **Unit Testing, Integration Testing** and **System Testing** using **NUNIT**.

**Environment:**C#.NET, ASP.Net , .NET Framework 3.5/2.0, ADO.Net, MVC, XML Web Services, XAML, WCF,SSIS, SSRS, IIS 6.0, SQL SERVER 2005, Windows XP/2000.