# Pavithra

**Sr.Net Developer**

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**SUMMARY**

* .NET Developer, Tech Enthusiast with **8+ years** of extensive experience in Microsoft technologies in handling with exceptional skills in **Object Oriented Analysis** and **Design, Development** and **Implementation** of **Web applications** and **Window Applications** using .NET Platform.
* Expert in developing client/server, Web/Windows based distributed enterprise applications using Microsoft Technologies like **C#.NET, ASP.NET, ASP.NET MVC, ADO.NET, JavaScript, Angular, Web Services, Entity Framework, IIS, WPF** and **WCF**.
* Hands on Experience in Object Oriented Analysis and Design methodology with strong knowledge and experience with the **Design Patterns** including **Structural, Creational and Behavioral Patterns** like **Model Viewer Controller**.
* Experience in database programming (complex SQL Queries, Stored Procedures, Triggers, Functions and Views) in SQL **Server 2012/2014 (T-SQL, SSIS, SSRS).**
* Experience in **cloud computing** using **Windows Azure**.
* Hands on technology experience of designing and developing software applications with **Microsoft .NET Framework 1.0/1.1/2.0/3.0/3.5 using C#, ASP.NET and ADO.Net.**
* Extensive experience with Web technologies like **ASP.NET, WCF & Web Services, IIS 5.0, 6.0, HTML, ASP, XML, SOAP, XSLT, VBScript, JavaScript, SSRS and SSIS.**
* Experience designing and/or developing solutions for a **Service Oriented Architecture** (SOA).
* Experienced with integrating applications using **WebSphere Enterprise Service Bus** (ESB).
* Experience using tools such as **Visual Studio.Net 2003/2005/2008 and VPN.**
* Proficiency in **Visual Studio 2010**.
* Excellent Knowledge of WCF (Windows Communication Foundation) for development and hosting.
* Sound knowledge of 3-tier and N-tier layered architecture.
* Sound knowledge of several DESIGN PATTERNS like **Singleton, Factory and ASP.NET MVC**.
* Extensive experience in creating rich content **Web-Forms, Win-Form**s (Windows Forms), **Web User Controls, Custom Control, Server Controls, Windows Service and Web Service.**
* Extensive experience in web-based page and site designs using **HTML, DHTML, CSS, Themes, Master Pages, Site Map, JavaScript and AJAX.**
* Experience with Data Accessing including using **Data Adapter, Data Reader and Dataset in ADO.NET and LINQ (Language Integrated Query) Providers for data manipulation.**
* Good hands-on experience on developing the web application with Silverlight.
* Expert knowledge of versioning tools like **TFS** (Team Foundation Server), **VSS** (Visual Source Safe), **SVN, CVS, and AccuRev.**

# TECHNICAL SKILLS

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| .**NET Technologies** | C#, .NET CORE, ASP.NET MVC, C#, Visual Studio.NET 2017, WinForms, AJAX, .NETFramework, Visual Studio, LINQ, Restful services, WCF, Web API, MS Unit. |
| **Web Technologies** | ASP.NET MVC, Angular 4, HTML, JavaScript, CSS, AJAX. |
| **Web Server** | IIS, ASP.NET Development Server. |
| **Databases** | MS SQL Server 2014, Stored Procedures, RDBMS, T-SQL and Entity Framework. |
| **Version Controls tools** | Git, TFS. |
| **Cloud** | Azure. |

**EDUCATION:** Bachelor’s in Computer Science from Anna University, Chennai, India - 2009

 1

# PROFESSIONAL EXPERIENCE

**.NET Application Developer**

**Fifth Third Bank – Chicago, Illinois May’2019 – Till Date**

**Description:** This Application helps to a make sure Mortgage brokers are regulated to ensure compliance with banking laws in the jurisdiction of the consumer. We developed two separate applications for Mortgage broker and loan officer. This application helps both Mortgage Brokers and loan officer to track day to day activities.

**Responsibilities:**

* Developed the **UI** pages using **ASP.NET CORE 2.0, MVC, HTML5, CSS3, Bootstrap, Ajax, JavaScript and jQuery.**
	+ Involved in Design, Development and Testing of web pages following **ASP.NET MVC architecture** using **.NET**

**FRAMEWORK** and **C#.NET**.

* + Design and implement **Restful API** layer along with calls to consume an **API** layer.
	+ Used **Angular** for creating the controllers, Factories, Services, Custom Directives and **JSON** to pass the JavaScript objects from server to web application.
	+ Wrote **SQL Queries**, **Stored procedures, Joins, Triggers** to process large collection of products and used

**Data Reader, Data Adapter, SQL Command** and **Dataset** for retrieving data from database using **SQL 2014.**

* + Used **Git** for Version Control.
	+ Experience in creating, configuring Virtual machines in **Azure**.
	+ Experience in deploying applications in **Azure cloud.**
	+ Implemented SSIS packages to update S**QL data tables from Oracle Server**.
	+ Created and deployed **SSIS** packages to production, schedule them to run on a routine basis and monitor error log for errors.
	+ Involve in **Web Service unit testing using soap UI tool.**
	+ Translate the **Flat XML** message to formatted **XML message using XSLT mapping**.
	+ Developed, deployed and supporting the external Web Services Wrapper component to expose the DOE internal Web Services to real world.

**Environment:** C#, .NET CORE, ASP.NET MVC 5.0, JavaScript, Azure, CSS3, Entity Framework, WCF, Powershell, HTML5, SQL SERVER 2014, Angular, TFS, Git.

# .NET Application Developer

**Amex – Phoenix, AZ Jun’2017 – April’ 2019**

**Description:** American Express, world’s largest card issuer, a processor of millions of transactions daily, and a partner that provides business-building services to a worldwide merchant base.

**Responsibilities:**

* Experience in developing application using **C#, ASP.NET MVC, HTML5, CSS3, Bootstrap, Ajax, JavaScript and jQuery.**
	+ Participated in **Test Driven Development (TDD)** in developing a **WPF** application in Agile (SCRUM)

Environment strictly following the **MVVM** pattern.

* + Created scripts using SQL in Azure portal for reading text files and creating .csv files.
	+ Used **Agile Methodology** (Scrum) to meet customer expectations, timeline with quality deliverables.
	+ **ASP.NET CORE Server Controls**, **HTML** & **CSS** are used in developing web forms of Admin and Account Maintenance modules.
	+ Wrote **SQL Queries**, **Stored procedures, Joins, Triggers** to process large collection of products and used

**Data Reader, Data Adapter, SQL Command** and **Dataset** for retrieving data from database using **SQL 2014.**

* Extensively involved in designing the **SSIS** packages to export data from flat file source to SQL Server database.

2

* Used **Git** for Version Control.

**Environment:** C#, .NET Framework, ASP.NET MVC, ADO.NET, VB.NET, Entity Framework, WPF, WCF, C#, T-SQL, JavaScript, SQL SERVER 2012, SSRS, SSIS, Azure, jQuery, TFS, Git.

# .NET Application Developer

**Cardinal Health – Dublin, OH Apr’15 – May’17**

**Description:** The project is an online customer portal has one log-in for everything that customer needs with real-time access. Customers can have the express service requests for account service and on-site services such as Cost estimates, surveys and coverage and Benefit Information.

# Responsibilities:

* + Involved in identifying business requirement by gathering, analysis and design and developing using **ASP.NET**

front end technology.

* + Developed applications at presentation **GUI** based on N-tier application architecture.
	+ Utilized **AJAX** & **JavaScript**, **jQuery** for coding techniques update parts of a web page and improve the fluidity of webpage.
	+ Designed Custom Validation Controls for validating the data in the User Control and used **ASP.NET** Validation Controls for server-side validation and **Java Script** for client-side validation.
	+ Developed **WCF REST- API** based web service to consume data by client. Implemented provider-based services.
	+ Designed and developed master pages using **ASP.NET** and used **CSS** to enhance the look & feel of the website.
	+ Implementing **WCF** for developing and deploying services on Windows in line with the **Service Oriented Architecture.**
	+ Used stored procedures with **SQL Server 2008** for developing complex business rules.
	+ Hands on experience with **N UNIT** testing for the application.
	+ Maintained **Team Foundation Server** as a central repository system and automatic builds and continuous integration and **NUNIT** testing.

**Environment:** C#, ASP.NET MVC, HTML, JavaScript, jQuery, AJAX, CSS, XML, LINQ, SQL Server 2012, SSIS, SSRS, MVC, TFS, Web Forms, IIS.

# .NET Developer

**Cognate Inc– San Mateo, CA Jun’12 – Mar’15**

**Description:** This project is mainly an Intranet application meant for employees in the organization. They are Intranet Mailing System, Chatting, File Transfer and Remote Login. This project is based on the client server methodology.

# Responsibilities:

* Involved in full life cycle of the project from requirements gathering, analyzing, designing, and developing the application using Iterative **AGILE** Methodology.
* Implemented Data Access Layer using **ADO.Net** to connect, retrieve and update the data from SQL Server.
* Designed and Developed application using in 3-Tier architecture using **ASP.NET 3.5** and C#.NET
* The UI layer is developed by using **CSS, JQuery**, **JavaScript**, HTML, XML, **AJAX and custom CSS.**
* Implemented Interfaces to provide security.
* Serialized Objects to XML Format using C# System.xml Library.
* Implemented features like **Partial classes, Anonymous types, Read-Only Properties, Collections, polymorphism** and inheritance of C# in building data entity model.
* Developed Master Pages with customization for various user roles, user controls to accept common request details and implemented custom controls.

3

* Effectively implemented **ASP.NET** security for authenticating and authorizing user.

# Wrote complex SQL Queries, Tables, Views, stored procedures, cursors and indexes

* Created reports using **Crystal Reports** for generating analysis reports based on the key variable stored in database.
* Created application work flow, application environments and specification documents.
* Created all the web pages by using ASP.Net web forms and master pages.
* Maintained **Sessions** to maintain the session state over the multiple requests and used **Query string** to pass data from one page to another page over a single request.

**Environment**: C#.NET, ASP.NET, Visual Studio 2008, HTML, CSS, ADO.NET, AJAX, IIS 6.0, SQL Server 2005,

Windows Server 2008, SVN, JavaScript, JQuery

# .NET Developer

**Soft Pro Systems Ltd – Chennai, India Jun’10 – May’11**

**Description:** To manage/support the exiting web services project. The Soft Pro team is responsible to provide the support to other teams and applications in DOE to get the data from the centralized databases thru web services. This project uses the SOA architecture and follows the ESB (Enterprise Service Bus) concepts.

**Responsibilities:**

* + Involved in Analysis, Designing and coding and implementation of the application.
	+ Designed and developed the web forms using **ASP.Net 2.0.**
	+ Design and develop front ends for the application to support business rules using C#.
	+ Development of component classes and interfaces in C# encapsulating the business logic with strict adherence to **Object Oriented Paradigms.**
	+ Develop and deliver integration applications using **Web Sphere Enterprise Service Bus (ESB).**

# Used CSS (Cascading Style Sheets) in ASP.Net pages.

* Created User Controls and Custom Controls for common purpose in the whole application.
* Responsible for implementing and deployment of **WCF Services**.
* Designed and developed the complete front-end application using ASP.Net with C# as code behind for the internal processing.
* Developed and hosting WCF Services on IIS by following Service Oriented Architecture (SOA).
* Implemented the functionality to render data using XML files and format them using XSLT.
* Involved in Database diagram design and Tables design in SQL Server.

# Created Stored Procedures, Views, Triggers and Complex T-SQL queries in SQL Server.

* Involved in the development and execution of unit test cases.
* Created and deployed the Windows Service for Emails.
* Implemented the Email utility using windows service.
* Used Team Foundation Server (TFS) for project repository and versioning control.
* Prepared high level and low level system design UML diagrams (class diagrams, sequence diagrams).
* Effectively communicated with application representatives from both IT and Business to resolve issues.
* Prepared the **CMS templates.**
* Integrated application with **CMS**.

**Environment:** Visual Studio 2008, .Net Framework 3.5, ASP.Net, C#, Ajax, WCF Services, SOA, CMS, XML, Java Script, SQL Server 2005 and TFS.

4