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|  | **Pavani**  **Contact:(347)941-5730**  [**Pavani.may20@gmail.com**](mailto:Pavani.may20@gmail.com)  **.Net Developer** |

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| **Professional Summary:** |

* An accomplished .NET developer with 7+ years of experience in various levels of software engineering and in-depth experience in Microsoft .NET technologies and Database system - SQL Server 2005/2008/2008 R2/2012.
* Expertise in designing and developing Web Applications, custom controls, User Controls.
* Deep understanding of **.NET Framework** concepts and have working experience in **C# (4.0/3.5/3.0/2.0) .NET Framework(4.6/4.5/4.0/3.5/3.0/2.0/1.x/CORE 1.0)**
* ASP.NET MVC (5.0/4.0/3.0/2.0), ADO.NET,VB.NET, AJAX, LINQ, WCF, WPF, CSS, Web Services, SOAP
* Expertise in Object oriented programming Systems (OOPS) concepts.
* Extensive experience with development of Web Services (SOAP, UDDI & WSDL) and Windows Services using the .NET Framework (C# and VB.NET).
* Experience in implementing projects using MVP & MVC Design Patterns & Object Orient Technique
* Expertise in Implementing Restful services using WCF and ASP.NET Web API’s.
* Worked on client side technologies JavaScript, Angular JS, JQuery, J SON.
* Proficient in developing applications using JavaScript, JQuery, Angular JS, JSON, Xml, AJAX, HTML5, CSS3, Bootstrap and Razor.
* Developed ASP.NET PRISM MVVM application using VB6 Layout with Entity Framework.
* Used HTML5, XAML, XML, CSS3, Bootstrap and JavaScript, JSON to develop and implement a user-friendly UI design and for functionality, used OOAD concepts using PRISM MVVM C# programming presentation and provided web security for the application (providing authentication and authorization).
* Experience in advanced JavaScript/UI frameworks like Angular JS, Bootstrap/UI, JSON**, J Query.**
* Extensively used **HTML5, Bootstrap, Angular JS and JQuery** and created **Single Page Applications (SPA).**
* Experience in developing application with prism framework and node JS also • Creating WCF services for the application to interact with Server Database.
* Leveraged the introduction of **Web API Controllers (Web API 2)** in **ASP.NET MVC 5** to build, maintain **Restful API’s** and also consume the API’s client side using **Angular JS** data binding.
* Experience in **Unit Testing** with **Auto Test** and Visual Studio and implement Unit Test Objects to test components and writing Unit Test Cases.
* Experience in working with ASP.NET 4.5,4.0, 3.5, MVC4, MVC3, Entity Framework, WCF, JQuery, Visual Studio .Net, C#, .NET Framework, React JS Technologies
* Created and maintained User Tool Documentation for a series of internal applications including VB.NET Microsoft Access and Microsoft Excel tools.
* Implemented Web API to build HTTP services compatible for browsers and mobile devices
* Expertise in Database Design and Database Programming (Stored procedures, Triggers, SQL) using **SQL Server**.
* Good knowledge on implementing Symmetric encryption in **SQL Server 2012**.
* Experience in developing the business reports using **Crystal Reports** and also involved in generating reports using SQL Server Reporting Services (**SSRS**).
* Good experience in Data Extraction transformation and loading (**ETL**) with **SSIS**.
* Involved in the development of the UI using JSP, HTML5, CSS3, JavaScript, jQuery, Angular JS, React JS, and worked on JavaScript framework to augment browser based applications with MVC capability.
* Expertise in using the latest version of HTML5, CSS3, REST Services, WPF, Angular JS, React JS
* Designed a new web portal site for the Development Team in VB.NET including SSRS reports project schedules and Administration tools for User roles/permissions.
* Highly adaptable in quickly changing technical environments with very strong organizational and analytical skills.
* Excellent communication and interpersonal skills with ability to interact with individuals at all levels and can work as a part of a team as well as independently.

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| **Technical Skills:** |

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| **Operating Systems** | Windows 8, Windows2000/XP/Vista/7, Windows 2003 Server |
| **Databases** | SQL Server2000/2005/2008/2008,2012,2014 R2, MS Access, Oracle 8i/9i/10g |
| **Programming Languages** | C, C++, XAML, C#, Win forms,VB.NET, .NET 2.0/3.0/3.5/4.0/4.5 |
| **Web technologies** | ASP.NET,MVC4.0/3.0,ADO.NET, Visualstudio.NET1.1/2.0/3.0/3.5/4/4.5Web Services, WPF, SOAP, Microsoft Azure, REST, Kendo UI, Angular JS, WEB API. JavaScript JQuery 2.x/1.x, VB Script, MS IIS 5.0/5.1/6.0/7.0/7.5 |
| **.Net Frameworks** | Entity Framework 6.x/4.3 |
| **XML Technologies:** | XML, XSL, XSLT, HTML, WSDL, SOAP |
| **Modeling Tools:** | UML, Use Cases, Workflow and Dataflow |
| **Reporting Tools:** | Crystal Reports, Data Reports and Actuate SSRS 2005/2008,2012,2014 SSIS 2005/2008,2012,2014 |
| **Source Control:** | Team Foundation Server (TFS) 2010/2008 Visual Source Safe 6.0/8.0, TFS, Subversion, Microsoft Visio, Fiddler |

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| **Work Experience:** |

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| **Client: Marathon Petroleum, Findlay, OH June 2016 – September 2018**  **Role: .Net/UI Developer** |

**Responsibilities:**

* Created **WCF SOAP**, **WCF REST Services** and also used different bindings to make it available to different types of clients.
* Used VB.NET for MVC Framework for front end development.
* Creating applications using VB.Net and enhancing projects for .Net applications.
* Working on multiple version of .NET Frameworks (3.0, 3.5, 4.0, 4.5 and 4.6) and programming languages like VB.Net, C#.
* Updated and re-designed several internal tools from VB.NET 2008 to VB.NET 2015 bringing current software standards which facilitated automation of mundane tasks for accounting department.
* Worked on Visual Studio 2015/ .Net CORE 1.0 Framework to implement Business Logic.
* Designed and developed **SOA architecture** with **WCF** binding concepts for making data binding for end points.
* Worked on developing API's for syncing the data from the mobile app to cloud.
* Developed web forms using **HTML Razor engine, HTML helper, CSS, XML and bootstrap** to make the UI controls look unique.
* Implemented new features for Windows using WPF 4.0, 4.5, XAML, Expression Blend, Infragistics controls with .NET 4.0, Visual Studio 2010, 2012, 2015, PRISM, MVVM design pattern architecture for estimation.
* Used HTML5, XAML, XML, CSS3, Bootstrap and JavaScript, JSON to develop and implement a user-friendly UI design and for functionality, used OOAD concepts using PRISM MVVM C# programming presentation and provided web security for the application (providing authentication and authorization).
* Developed ASP.NET PRISM MVVM application using VB6 Layout with Entity Framework.
* Used XAML to Create Silverlight Application.
* Understanding the client requirement and developing application using WPF and Prism Framework.
* Experience in developing application using WPF and Silverlight with Prism framework
* Involved in developing presentational and container components using React and JSX.
* Responsible for designing the **ASP.NET** application authentication using **ASP.NET MVC** Authorization filters.
* Creating websites and web applications using **Bootstrap** which is a free and open-source collection of tools
* Designed and implemented the Core components for the application, which included a Data Access Layer (DAL) and Business Logic layer(BLL).
* Designing and developing custom solutions and enhancements using ASP.NET, Vb.net AJAX and C# and JavaScript.
* Developed the application's main dashboard using React/Redux allowing users to safely create and log into accounts. C# used to send and control data flow to SQL database.
* Used ASP.NET, VB.NET code for the front-end to interact with business layer and data access layer.
* Worked on React JS framework to develop interactive websites based on client needs.
* User Interface modules is developed using ASP.net 2.0, ADO.Net, VB.NET and JavaScript.
* A defined request-response message system, typically expressed in **JSON or XML,** which is exposed via the web—most commonly by means of an HTTP-based web server by a server-side **Asp.NET Web API**.
* Implemented CRUD functionality with Entity framework in **ASP.NET MVC5** and implemented sorting, filtering and paging with **Entity framework** in **MVC**.
* Developed core functionality with the ASP.NET MVC 4 Framework (C#.NET, NHibernate).
* Responsible for developing the reusable Components on UI(Views) by developing the Partial Views, View starts, and reusable components for implementing the business rules with **C#** and **OOPS** Concepts.
* Designed a software system using web services like **REST** and **SOAP** to support interoperable machine-to-machine interaction over a network.
* Server data exposed via RESTful Web API. Web client employs React and ASP.NET
* Created OOPs objects like Collections, Interfaces implementations using VB.Net Generics for extracting data.
* Participated in a fully scalable WPF based client/server brokerage application using C#, WCF, entity framework, PRISM, Mongo DB, T-SQL and SQL server.
* Consumed services for interacting with PRISM system.
* Design and create react components using typescript and JavaScript.
* Used REDUX to control the state of each component used in the react components.
* Involved in using **REST** which the primary purpose of the service is to manipulate **XML** representations of Web resources using a uniform set of stateless operations.
* Worked on cloud computing using Windows Azure and SQL Server Azure
* Created complex **Stored Procedures**, **Triggers**, **Tables, Views and SQL Joins** and other statements to maintained referential integrity and implemented complex business logic.
* Developed complex **T-SQL** queries, **User Defined Functions, Stored Procedures and Triggers** in **SQL Server2008 R2** followed by analysis and testing of those database objects before deployment to the production server
* Used **SSRS** to create reports, customized Reports, on-demand reports, ad-hoc reports and involved in analyzing multi-dimensional reports in **SSRS**.
* Designed and developed web based UI in VB.NET using different controls like HTML Controls, Data Controls and Web Controls.
* Extensive experience in designing, developing, deploying and consuming Web Services using ASP.NET, WCF, REST, WEB API
* Application client implemented as a multipage, responsive solution with knockout and jQuery.
* Created test plans and performed **unit and regression testing** on the application.
* Experience in coordinating with on site and offshore team members in daily status meeting to resolve issues related to project Activities.

***Environment: Visual Studio 2010, 2013, 2015, .Net Core 1.0 Framework, C#, ASP.NET MVC 4.0/ 3.0,VB.NET,*** ***Entity Frame Work 6.3/4.0, JavaScript, React JS,*** ***Prism,*** ***MVVM, WCF, IIS 7.0, AJAX, ADO.NET, LINQ, WPF, XML,NUNIT, SQL Server 2008,2012,2014, T-SQL, SSIS, SSRS, SSAS, Windows XP, UML, Windows Server 2008 R2/2008***

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| **Client: BCBS, Chattanooga, TN Feb 2015 – May 2016**  **Role: .Net/UI Developer** |

**Responsibilities:**

* Participated in daily Scrums with the whole team to discuss about the progress of the application development, specks to be taken care and specks that already completed
* Involved in **Software development life cycle** (**SDLC**) of application from design phase to implementation phase, testing, Deployment and maintenance phase.
* Extensively worked with Action Results, Action Filters and Custom Action Filters and Routing.
* Extensively worked with **Partial Pages**, **Layouts**, Sections to design the **CSHTML** pages with Razor View Engine to get consistent look and feel.
* Understanding the client requirement and developing application using WPF and Prism Framework.
* Developed with SOA/Restful, IIS architecture and used MVVM pattern while building WPF application and WPF and Data binding and Model-View-ViewModel (MVVM).
* 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.
* Business Logic has been implemented using the concepts of secure coding features and Object Oriented programming (**OOPS**) with Code behind language **C#**.NET.
* Used Vb.Net for existing web applications and resolved few ASPX pages.
* Developed and tested user-friendly navigators by utilizing JavaScript and VB.NET.
* Wrote application level code to interact with the Controller Actions and Consuming Web Services using **JQUERY AJAX and JSON.**
* Developed Web pages using ASP.Net MVC, HTML, CSS, JavaScript, React Js, jQuery and Ajax.
* Used **JQuery** to make it easier to navigate a document, select DOM elements, create animations, handle events, and develop Ajax applications.
* Worked on React Js views, rendering using components which contains additional components called custom HTML tags.
* Used AngularJS and React.JS for making Restful API calls and data binding.
* Implemented Code First and used **LINQ** to Entities to massage the Data and optimized the Query Expressions.
* Used Compiled Queries, Multiple Contexts, Explicit Loading, and Save Changes to context after all database operations to improve the performance in **Entity Framework**.
* Created Web APIs using ASP.NET Web API allow new web/client projects to leverage reusable data.
* Established communication between different applications running on same/different platforms using **WCF**.
* Developed all the Business Logic for all the modules in a separate Business Layer in **C#** and this was implemented using **WCF** and consumed external web services.
* Designed Prism framework for building loosely coupled, maintainable, and testable XAML applications in WPF, Windows 10 UWP, and Xamarin Forms.
* Worked on React JS framework to develop interactive websites based on client needs.
* Performs End-to-end migrations from Web Services, ASP.NET, In-house server infrastructure to Web API ASP.NET MVC 5.0 Microsoft Azure cloud respectively.
* Created the link servers to pull the data from different data sources and used them in the stored procedure which will be executing on the scheduled basis through **SQL** agent.
* Experienced in creating Angular services and factories to interact with Web API
* Exposed Rest APIs through AWS API gateway and Lambda for Slack Integration.
* Written Queries using **T-SQL** Statements, **Views, Stored Procedures, Triggers, Cursors** and User Defined Functions in **SQL Server 2008** for inserting/Updating/Deleting the data into the relational tables.
* Implemented **Unit Testing, Integration Testing and System Testing** using **NUNIT**.
* Responsible for maintaining versions of source code using Team Foundation Server 2010.Created Html Helpers in order to reduce the amount of tedious typing of **HTML** tags
* Created Ad-hoc reports and automated recurring reports based on business requirements using **SSRS**. Developed different kinds of reports such as chart reports, matrix reports, drill-down reports and parameterized reports, etc.
* Worked on Microsoft Team Foundation Server for version control, individual task status and Database server project.

***Environment: NET Framework 4.0/3.5, VB.NET, C#.NET 4.0, MVC.ASP.NET 4.0,*** ***ADO.NET, VB.NET,*** ***Prism, knockout, Win Forms Visualstudio.NET 2008, SQL Server 2008,*** ***MVVM, MongoDB, CSS, WPF, JavaScript, React JS, jQuery, LINQ, SSIS, SSRS, WCF, SOAP, HTTP, XML, HTML, TFS***

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| **Client: Nationwide, Columbus, OH Jan 2014 - Jan 2015**  **Role: .Net/UI Developer** |

**Responsibilities:**

* Involved in Software development life cycle **(SDLC)** of application from design phase to implementation phase, testing, Deployment and maintenance phase.
* Created & hosted **WCF** Services and also used different bindings to make it available to different types of clients.
* Applied conditional formatting in **SSRS** to highlight key areas in the report data.
* Designed dynamic and browser compatible webpage using web design techniques **ASP.NET** Master Pages, **User Controls, HTML, CSS, and jQuery**.
* Developed modules to retrieve data using **AJAX** calls through **jQuery** method and used **JSON** to store and access the data.
* Effectively designed application windows using XAML using various WPF controls like **Data Grid**, **Combo Box, Textbox**, etc.
* Developed the new version preferences web API as per the new JSON object requirement from the client.
* Developed an automated report subscription process using **SSRS**
* Created complex **Stored Procedures, Triggers, Views, SQL joins, CTE's and other T-SQL** code to implement business rules.
* An exclusive experience working with User Controls with VB.NET code-behind files, debugging and Quality Testing of the code.
* Utilized **ADO.Net** Entity Framework Database First technology extensively for data retrieving, querying, storage and manipulation using **LINQ** to Entities.
* Involved in transferring data from homogeneous and heterogeneous data sources such as MS Access, MS Excel, Flat files, and CSV files into **SQL server**
* Built complex reports with charts and drill-down capabilities, created report models for Ad- hoc reports when the end user wants to see the reports on fly and also created Ad-hoc reports for manager using **SSRS** to find all the work items open for Developers.
* Extensive use of MVVM (MVC) and WPF for a unified user interface.
* Created SQL Server Reports using **SSRS 2008, 2012** and exported them to Excel format for managers and QA team for easy validation and Identified and worked with parameters for parameterized reports in **SSRS 2008/2012**.
* Gathered requirements to identify and create database objects such as tables, views, triggers and indexes.
* Implemented **Unit Testing, Integration Testing and System Testing** using **NUNIT**.

***Environment: .NET FRAMEWORK 4.0/3.5, jQuery, WCF, LINQ, ASP.NET 4.0/3.5, WPF, ADO.NET, C#.NET, ASP.Net, WINDOWS SERVER 2008, Visual Studio 2010/2008,*** ***MVVM, SQL SERVER 2008, Entity Frame Work 4.0, Ajax, SSRS, TFS, XML, HTML, SOAP, IIS 7.0, JavaScript, CSS, Web Services.***

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| **Client: Infosys, Hyderabad, India June 2011- Dec 2013**  **Role: Web Developer** |

**Responsibilities:**

* Involved in all the phases of the project life cycle and also analysis of the system based on n-tier architecture.
* Developed code to call the web service to fetch web data and populate on the **UI** using **JQuery and AJAX.**
* Used **jQuery** to traverse through a DOM tree and manipulated the nodes in the tree.
* Involved in developing Web Service classes using **SOAP** to communicate with legacy and also deployed web services as per business requirement.
* Implemented **SOA** architecture with web services and functionalities like creating, consuming and publishing **XML Web Services (SOAP, WSDL) using WCF**.
* Worked closely with clients in gathering and analyzing requirements and providing solutions that meet the client's requirements.
* Wrote **SQL queries, Store Procedures, Joins, Triggers** to process large collection of products and used Data Reader, Data Adapter, SQL command and Dataset for retrieving for management.
* Involved in Performance Tuning of Code using execution plan and **SQL** profiler and added Indexes to improve performance on tables
* Extracted large volumes of data from various data sources and loaded the data into target data sources by performing different kinds of transformations using **SQL Server Integration services (SSIS)**.
* Created **SSIS** packages for Uploading of different formats of files **(Excel, Access, dbf)** and databases **(SQL server, Flat files)** into the SQL Server data warehouse using **SQL Server Integration Services (SSIS)**.
* Using **SQL** server reporting services **(SSRS)** delivering enterprise, Web-enabled reporting to create reports that draw content from a variety of data sources.
* Created test plans and performed **unit and regression** testing on the application
* Worked on Microsoft Team Foundation Server for version control, Database server project and individual task status.

***Environment: Visual Studio 2008/2010, ASP.NET 3.5, C# 3.5, .NET Framework 3.5/40, ADO.NET, SSRS, SSIS, SQL Server 2005, Ajax, TFS, JavaScript, Agile, WCF, SOA, Web Services, HTML, CSS, JavaScript.***