**BHARATH PENAKA**

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**SUMMARY**

Over 6+ years of experience in Web and Client/Server applications using **Microsoft .NET Technology, SQL Server, C#, ASP.NET, ADO.NET, .NET Core, VB.NET, WCF, WPF, XML, and JavaScript.**

Proficient in Object-Oriented Design/Development (OOD), **Model View Control (MVC)** design pattern and **Test-Driven Development (TDD).**

Management, and Implementation of Client-server, Mainframe and WEB enabled applications.

Experience in advanced JavaScript/UI frameworks like **AngularJS, Bootstrap/UI, JSON, and jQuery.**

Proficiency in Software Development Life Cycle **(SDLC)** and **AGILE (SCRUM)** methodologies of the development process such as requirement analysis & definition, designing, coding, testing and implementation

Working knowledge in Developing **XML, IIS, and JavaScript**.

Experience in designing and branding Master Pages utilizing Server Controls and CSS.

Experience in developing User Interfaces using ASP.NET, AJAX, jQuery, XML, **HTML5/DHTML, CSS and JavaScript**.

Experience in using ASP.Net for Applications/ Websites Web User Controls, Data Grid control, Form validation controls, and created custom controls.

Development Methodologies and Tools - MSF Agile, SCRUM, Team Foundation Server 2015 and AJAX controls.

Writing SQL triggers/ queries and Stored Procedures. SQL Server-SQL queries coding, Stored Procedures, Functions, and Packages.

Experience working on 3-Tier, N-Tier Architectures, MVC (Model View Controller) applications.

Experience in developing Client/Server Applications on Three Tier Architecture, N-Tier Architecture, SOA (Service-oriented Architecture), MVC (Model View Controller), and MVP (Model View Presenter) design patterns.

Developed database applications using VB.NET and C# with SQL Server and Microsoft Access as the databases using **ADO.NET** Components.

Build web applications based on ASP.NET technologies.

Good knowledge about the TFS collaboration platform for upgrading VB.Net applications.

Good experience in developing n-tier Web Applications.

Developed applications using **C# using LINQ, ADO.NET, and ADO.NET Entity Framework**.

Good experience with socket programming for developing client-side and server-side applications.

Use SSRS and SSIS tools for developing reports.

Experience in creating Server objects like Tables, Stored Procedures, Views, Indexes, Triggers, Cursors, user-defined data types, and functions.

Well versed with **QA** Methodology and **QA** Process to ensure the Quality Assurance including Test Case

Experience on healthcare integration with HL7 and HIPAA.

Experience in securing web applications using **ASP.NET** authentication and authorization.

Ability to work independently or collaboratively with the teams.

Developed and designed client/server programming with **TCP/IP**.

**TECHNICAL SKILLS:**

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| **Languages** | C#, .Net Framework (3.5, 4.0), VB.NET, HTML, XML, Java Script, C, C++, jQuery, HTML 5, CSS 3, AS.NET. |
| **Frameworks** | ASP.NET, .NET Core, ADO.NET, WCF, MVC, LINQ, IIS, ASP, CSS, TFS, AngularJS, NodeJS, jQuery. |
| **Operating System** | 2008,2012, XP and Windows 7 |
| **Databases** | SQL Server 2008/2010/2012,2015 T-SQL, Stored Procedures, PL/SQL. |
| **.NET Technologies** | ASP.NET, XML Web Services, ADO.NET, .NET Core, WCF, WPF and Web API, Win Forms, Web Forms Windows Services. |
| **IDE** | Visual Studio 2015/2017,2019 Notepad++ |
| **Methodologies** | N-tier Application, SOA, Client/Server Architecture. |
| **Web Servers** | Internet Information Server (IIS), REST with WCF, SOAP, API |
| **Version Control Tools** | Team Foundation Server, Test Driven Development (TDD), SVN. |
| **Browsers** | ALL (IE, Google Chrome, Mozilla, Opera) |
| **Markup Languages** | HTML, XML, AngularJS, JavaScript, CSS |

**PROFESSIONAL EXPERIENCE:**

**WPS Health Solutions Oct 2019 – Till Date**

**Application Developer**

**Description**: This project is to develop an console based applications and SQL stored procedures to load provider and member data in TriZetto Facets database and do the provider matching, member matching for the claims submitted for services by providers for Regions Community Care Network (CCN) and PC3 .

**Responsibilities:**

Involved in the full life cycle of the project from requirements gathering, analyzing, designing, and developing the application using Iterative AGILE Methodology.

Integrated FACETS database with the .NET applications using TriZetto Integration Solution.

Created and improvised FACETS batch jobs using C# and VB.NET and SQL.

Worked on customizing the custom applications with each facets upgrade release by performing sequential updates to the runbooks.

Involved in auth re-designing and facets pricing extension projects.

Extensively Involved in member and provider load process.

Designed a Web API service for clients to provide the member’s information.

Created Stored Procedures, Functions, Scripts, Tables, triggers T-SQL queries in the SQL server.

Used FAST migration tool to deploy decision and custom tables in different environments.

Used sonar cube for continuous inspection of code quality.

Used Control-M to monitor and run all the Custom and FACETS jobs.

Used GIT as a source control.

Maintained detailed documentation of program designing and development.

Integrating all client components and performed unit testing.

Followed Agile Scrum methodologies.

Evaluated program performance and integrated facets details in technical designs.

Participated in various client meetings with the team to discuss improvement options during the development of the application.

**Environment:** C#, VB.NET, Facets, MVC 4, ASP.NET 4.6, XML, ADO.NET, EDI, Visual Studio 2017, TFS, Agile, Git, SQL Server 2017.

**CareSource, OH Sep 2018 – Oct 2019 Application Developer**

**Responsibilities:**

Involved in managing the client meetings documenting the functional and business requirements. Worked closely with the client team to design and develop the application according to the requirements using ASP.NET and .NET Core with the business logic implemented using C#.

Followed Agile methodology to develop the software solution.

Worked on end - end Marketplace, Medicare, Medicaid claims processing and several other functional domains using TriZetto Facets application.

Worked in the development and maintenance of several applications integrated with facets.

Involved in Loading and testing the provider contracts.

Created Stored Procedures, Functions, Scripts, Tables, Views, T-SQL queries in the SQL server.

Used Entity Framework for data retrieving, querying and storage.

Perform analysis, design, and implementation of batch processing workflows using Cisco Tidal Enterprise Scheduler.

Experience working in Provider extracts, Provider reports and Provider on- boarding systems.

Worked on Custom applications to process 835, 837 and custom flat file HIPAA Transaction Sets for HIPAA X12 EDI transactions of insurance carriers, employers and state

Communicate with server team to discuss and provide technical solutions to develop web services for data communication between client and server.

Supported the console applications to generate 835 supplemental files.

Created SSIS packages to import/export data to/from flat files to facets database to external entities and vice versa using merge, Aggregate, Sort, Multicasting, Conditional Split, Derived column transformations. Packages designed for inbound and outbound processing of data.

Designed a Web API service for clients to get the claims information.

Interacting with Business Analyst to ensure all the requirements are translated into technical requirements.

Experience working with Team Foundation Server.

Used Soap UI to test the Web API functionality.

Unit tested the service components and participated in regression testing.

**Environment:** C#, WEB API, Entity Framework, SQL Server, Facets, ASP.NET 4.0/4.5, Visual Studio 2017, LINQ, TFS, Azure DevOps, WPF, JavaScript, Agile, .NET Core, SVN, ADO.Net.

**Thermo Fisher Scientific, Rothgeb Dr, MD Nov 2017 – Aug 2018**

**Net Developer**

**Responsibilities:**

Responsible for Analysis, design, developing and implementing of full software development life cycle.

Worked closely with the client team to design and develop the application according to the requirements using ASP.NET with the business logic implemented using C#.

Used the Object-Oriented Programming (OOP) techniques and created classes (C#.NET) for database access.

Designed and developed a web-based application and component using C# to automatically generate constants by reading and parsing XML source files and schema files.

Created WCF Service which is responsible for communicating and providing real-time data from Oracle Database to Client Application.

Created Stored Procedures, Functions, T-SQL queries in the SQL server.

Created Proxy for WCF Test Client Application using Service Reference to test the WCF service by QA team.

Used Entity Framework for data retrieving, querying and storage.

Designed Console Application, which connects to the client FTP server and pulls the.CSV files to our database after the proper validation.

Involved in writing Stored Procedures and creating Tables, Views in SQL Server.

Troubleshot the problems and fixed bugs through client requests, and QA.

Participated in client meetings to discuss improvement options for the development of the application.

**Environment:** C#, WCF, Entity Framework, HTML 5, CSS 3, ASP.NET 4.0/4.5, Visual Studio 2015, LINQ, TFS, Agile, ADO.Net, WPF, Oracle, Server 2012, JavaScript.

**Champion Logistics,** **Northlake, IL Jan 2016 – Oct 2017.**

**Dotnet Full Stack Developer**

**Responsibilities:**

Designed and developed an application using Model View Controller (MVC) application framework.

Experience working with Team Foundation Server.

Used ASP.NET MVC Page Controller pattern to add functionality to individual pages such as to accept input from the page request, invoke the requested actions on the controller.

Co-ordinate with the UX team to help them in designing the page.

Wrote backend code using C#, hands-on experience in creating services for the removal, adding and saving.

Used Angular, which communicated with a RESTful web service.

Developed Data Access Layer Using Entity Framework using Repository, Aggregator and Façade Patterns to access data from Azure (SQL and File) storage, also used API calls to enterprise API to get data in case of enterprise data

Used C#.NET to develop the Code for Business and Repository Layer.

Participated in various client meetings with the team to discuss improvement options during the development of the application.

Followed Agile Methodologies (SCRUM, KANBAN).

Maintained and designed databases with the use of the SQL server.

Design, Development using C#, JavaScript, AngularJS for the user interface using the Code behind the Class technique.

Developed User and Custom Controls with Event handling mechanism.

Experience in using AngularJS, ability to test views and able to do end to end unit testing. Also, using continuous integration.

Creating custom, general use modules, and components that extend the elements and modules of AngularJS.

Used N-tier architecture for the presentation layer, the Business and Data Access Layers and were coded using C#. Net. Good Experience in Developing Applications using Microservices.

Created test cases for service components.

Created several Dot’s and done entity mapping.

Resolved QA bugs for front end and back end.

**Environment:** C#, HTML 5, CSS 3, MVC 4, ASP.NET 4.0/4.5, JSON, Visual Studio 2015, JavaScript, Query, Kendo Ui, Bootstrap, TFS, Agile, Oracle, SQL Server 2012.

**Sonata Software, Hyderabad Nov 2014 – Sept 2015**

**Software Engineer**

**Responsibilities:**

Responsible for design, Development of Application using C#.Net

Created custom controls to maintain across the web application.

Implemented XML Web services.

Involved in developing reusable and optimized .Net components.

Implemented Data Access Layer using ADO.Net to communicate with the MS SQL Server 2012 Database.

Involved in writing Stored Procedures and creating Tables, Views in SQL Server 2012.

ASP.Net web application and .Net components hosted in Windows 2012.

Involved in taking Backups, Restoring, Import/Export data using MS SQL Server and DTS.

Designed and developed Reports by using Crystal report Bundled Version for .Net.

Developed an independent component for data access, which can be used as a generic component for every project. This component generates parameters from stored procedures dynamically and used some overload functions for executing Queries, which ensures the complete N-Tier architecture.

Environment: C#.Net, ADO.Net, .Net Framework 4, HTML, XML, XSLT, Windows 2012, SQL Server 2012, UML.

**EDUCATION**

Master’s in computer information systems

California university of management and sciences

U.S.A - 2017 April

Bachelors in Electronics and instrumentation Engineering

SRM University, India - 2015 April