**Praveen Besta**

**Email: Praveenbk.my@gmail.com**

**Ph#: 402-246-0168**

**Professional Summary:**

* Over 11+ Years of experience in architecture, analyzing, design, development, research, visual basics, implementation and deployment of several Client/Server, distributed GUI, enterprise level Web and Windows based Application Systems, developing and implementing Web-based and Client-Server Applications using .NET Framework and worked Oracle backend.
* Good experience in AngularJs, Bootstrap, Ember.JS, React.JS, HTML5, CCS3 and most single page application technologies and works on SharePoint for project collaboration. Familiarity with responsive web design concepts and mobile trends and used Xamarin for the part of mobile app development.
* Strong experience with Azure and container technologies such as Kubernetes, Docker, etc
* Expertise with Docker images using a Docker file, worked on container snapshots, removing Images and managing Docker volumes. Orchestration of Docker images and Containers using Kubernetes by creating master and node.
* Extensively worked on Jenkins for continuous integration and for End-to-End automation for all build and deployments.
* Experienced in developing Web Services with Python, MongoDB, Amazon Web Services programming language.
* In - depth knowledge in integrating Jenkins with AWS to automate various services.
* Experience Developing and Maintaining/Supporting applications.
* Extensive experience in developing Web applications using WCF, AJAX, XML, XSL, XSLT, XML Schema, MongoDB, HTML, CSS, IIS and Web Services, Caching, User/Custom controls, JavaScript, JQuery, Apex ,LINQ.
* Experienced in XML Web Services (SOAP, WSDL, and UDDI) and Service Oriented Architecture [SOA] concepts using .NET Framework.
* Implementing Sterling OMS and WMS modules such as resource creation, giving resource permission to users, Order life cycle, Catalog Management, Pipeline Configuration, Printers and Devices.
* Good experience in designing container based microservice architecture and local Docker management infrastructure. Implemented scalable message queue based transaction flow and utilized distributed RabbitMQ brokers and SQL log shipping for concurrency among all data centers.
* Worked in container based technologies like Docker, Kubernetes and Openshift.
* Good Knowledge with integration tools (Jenkins, Sybase, AnthillPro) and other CI, CD tools.
* Experience of creating rich UI applications in WPF 4.5/4.0, Silverlight 4.0/3.0 along with XAML programming and Expression Blend 4.0/3.0
* Developed BizTalk orchestrations for processing EDI files 812, 816, 824, 870.
* Spitted the incoming larger legacy and EDI X12 files into smaller ones by using C programming language before sending it to Receive Pipeline.
* Performed BizTalk message routing and application integration
* Thorough understanding & experience in designing database Tables, Stored Procedures, Functions and Triggers in multiple databases - SQL Server and MS Access.
* Excellent knowledge of all the phases of SDLC management and implementation.
* Knowledge on track, plan and analyze using JIRA.
* Extensive experience in .NET using C#, ASP.NET, VB.NET, PLC,Applets,ADO, Web Forms and Web Controls.
* Excellent experience in dealing with Delegates, Assemblies, User Controls and Custom Controls. Experience in designing and branding Master Pages utilizing Server Controls, User Controls, Data Grid control, Form Validation controls, Custom controls and CSS. Strong experience in data retrieval and manipulation using ADO.NET data objects such as Dataset, Data Reader, Data list, Data Adaptor. Proficient working with Stored Procedures, Triggers, Cursors, Functions and Views on SQL Server and using PL/SQL.
* Implemented N-Tier Architecture and integrated the UI with Database for data retrieval and manipulation using ADO.NET data objects and ADO.NET Entity Framework.
* Experience in generating reports using SQL Server Reporting Services (SSRS).Commitment to develop best practices and standards. Strong skills with JQuery, XML, JSON, HTML5, CSS3, API Development, DOM.
* Hands on experience of calling RESTful services, Converting Mockups to working User Interfaces, Full understanding of the development lifecycle, cross browser compatibility issues.
* Ability to develop high performance Single Page Application using advanced AngularJS patterns (module, directives, services).Strong Analytical and Communication Skills, and troubleshooting capabilities /Problem Solving Skills as well. Worked well as a part of the team and independently.
* Implemented .Net security features using OKTA Identity service, ASP.Net Authentication and Authorization .
* Worked with Node JS as a Backend Server Technology for Making web services calls.
* Able to design appropriate architecture, and other technical solutions, and make relevant recommendations to clients. Recommends system solutions by comparing advantages and disadvantages of custom development and purchase alternatives. Participated in the Agile/Scrum process, design sessions, and code reviews.
* Integrates applications by designing database architecture and server scripting; studying and establishing connectivity with network systems, search engines, and information servers. Completes applications development by coordinating requirements, schedules, and activities; contributing to team meetings; troubleshooting development and production problems across multiple environments and operating platforms Supports users by developing documentation and assistance tools.
* Experience on Windows Azure cloud platform.
* Good Experience in Agile Methodology and WaterFall Methodology.

**Technical Skills:**

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| **Programming Languages :** | C#, ASP.NET, VB.NET, ADO.NET, JAVA, XML, XSL, XSLT, C, C++, ASP. |
| **.NET Technologies** | Microsoft .NET Framework (CLR, CLS, CTS), C#, VB.NET, ASP.NET, ASP, ADO.NET, XML Web Services, Win Forms, Web Forms, WCF, WPF. |
| **IDE’s & Utilities :** | Visual Studio.NET 2005, 2008, 2010, Crystal Reports XI, Microsoft .NET Framework 2.0, 3.0, 3.5, 4.0. |
| **Web Development :** | ASP.NET, ASP.NET MVC, ASP, IIS 6.0, VBScript, JavaScript, CSS, XML, XSL, XSLT, XQuery, HTML/DHTML, AJAX, JQuery, JSON, AngularJs, (including a lot other standardJs libraries). |
| **Development Tools :** | Visual Studio .NET 2003 /2005 /2008, Visual Source Safe, Microsoft Visio, Microsoft Team Foundation Server, Microsoft Application Center Test, StarTeam, VSS, JBuilder, Net Beans, Rational Clear case, Adobe Photoshop, Rational Rose, UML, Microsoft Office Visio, SSRS. |
| **Scripting Languages :** | JQuery, JavaScript, Classic ASP, AngularJS. |
| **Operating Systems :** | Windows 2008, 2003 (Server),Vista,Win7, XP |
| **Web Development** | IIS 6.0, 7.0 |
| **RDBMS :** | SQL Server 2000, 2005, 2008, Power BI |
| **Version Control Tools:** | Team Foundation Server (TFS), Harvest, Git ,SVN. |

**Professional Experience:**

**Sr.Net Full Stack Developer**

**Blue Cross Blue Shield Of Nebraska | May 2020 - Present | Omaha, NE**

As a senior software engineer, I am responsible for design, development, test automation of consumer facing website(s) for members, brokers, internal applications and various api development.

**Responsibilities:**

* Maintaining, developing and enhancements are made on a Legacy application using VB.NET.
* Repair and update legacy utility program to facilitate the import and export of records collected from flat files, CSV files and stored in temporary holding tables to production tables using SQL Server 2012.
* Responsible for writing unit test cases using NUNIT framework.
* Web Service automation using C#, Soap UI and tested web services manually using POSTMAN.
* Involved in Selenium web driver test scripts and writing Selenium supporting classes through C#.NET.
* Worked as a part of a team in design, develop, managed **web based Support application**.
* Worked and enhanced the customized VeriFone Credit card terminals solution and made the terminals to accept American Express and discover credit cards using C++.
* Communication between multiple web services is asynchronous through service bus.
* Used Azure Service Bus queues and web jobs to pass messages between different rest web API in order to decouple them to ensure scalability.
* Create PowerShell scripts for server Installs/ad-hoc business reports. Developed various complex modules using ASP .NET, AJAX and C#.
* Involved in Developing a Restful service using Python Flask framework.
* Developed visual components through WPF using XAML and Expression Blend.
* Good knowledge over .Net framework 3.5 concepts like Lambda expressions, LINQ, Extension methods etc.
* Worked as **production support** team to resolve production issue caused by data, UI code and backend code.
* Setup Alerting and monitoring using Stackdriver in GCP.
* Deployed project into Amazon web services (AWS) using amazon elastic bean stalk.
* Utilized Python Libraries like Boto3, numPY for AWS.
* Set-up databases in GCP using RDS, storage using S3 bucket and configuring instance backups to S3 bucket. prototype CI/CD system with GitLab on GKE utilizing kubernetes and Docker for the runtime environment for the CI/CD systems to build and test and deplo
* Expertise in Production support and knowledge of deployment using AWS, Heroku and Jenkins.
* Business model and logic were implemented using C#.
* Used Chef for configuration management of hosted Instances within GCP. Configuring and Networking of Virtual Private Cloud (VPC).
* Intensively worked on middle-tier make use of models, views and controllers and on the service layer using Ajax and REST APIs.
* Building/Maintaining Docker/ Kubernetescontainer clusters managed by Kubernetes Linux, Bash, GIT, Docker , on GCP
* Used ASP.NET Web Service to use make use of RESTful Web services
* Building the pipelines to copythe data from source to destination inAzure Data Factory
* Lead a small group of developers and work in collaboration with senior developers on the team
* Worked with third-party vendors and coordinated with them on the Web services exposed to them.
* Designed GUI home page using Javascript, HTML, and CSS for Office of Data Reporting that implements cross browser functionality.
* Developed, and implemented architectural solutions involving multiple Pivotal Cloud Foundry (PCF) foundations on VMware virtual infrastructure (on-premises).
* The backend database connectivity modules were designed using Entity Framework with SQL Server 2012 as the database.
* Replaced existing Angular8 code with Angularjs JS2 code, which decreased the number of lines of code for a web application.
* Built web applications which are more user interactive using the latest technology Angularjs JS2.
* Established communication from Angular JS Project to Web API 2 Project.
* Creating day to development Tasks and accommodate hours to the individual User stories.
* Written TFS queries in the editor to keep track of daily work and activities.
* Interaction with business users and provide them required Customer affected List (CALs) using SSRS.
* Responsible for attending daily scrum meetings to accommodate client’s requirements.
* Deployed web application to Microsoft Azure Service Fabric
* Used Log Analytics service in Azure OMS to monitor cloud environments to maintain their availability and performance.
* Used LINQ-SQL extensively for extracting the data from the database using Entity Framework.
* Used Docker to virtualize deployment containers and push the code to instances cloud using PCF
* Designed and developed .NET web components and user controls using AJAX Toolkit.
* Review and refactor existing .Net client modules/applications to improve reliability and performance
* Actively involved in coding and designing using C#, XML, ADO.NET, WCF, JavaScript, React JS, Underscore JS, JQuery, HTML, and Cascading Style Sheets (CSS)
* Intensively worked on middle-tier make use of models, views and controllers and on the service layer using REST services.
* Manage environments for legacy codes using specific Docker containers based on the required architecture.
* Developed service class in Confidential service to get the XML nodes and store it in the database and deployed applications in PCF.
* Created SQL Server 2005 stored procedures to interact with the BizTalk Server orchestrations that permitted rollback referrals.
* Developed and managed database objects like stored procedures to maintain business logic and enforce data integrity.
* Developed single page applications in React JS.
* Worked IO hub integrating alternatives in integrated environments.
* As a process of developing Web Pages involved in developing various automated tools for Auto Email, Escalation techniques.
* Interacting with the development team to maintain mutual understanding of basic functionality of the system.
* Validating and Analyzing Test results.
* Designed and Developed Microservice's for the business components using .NET framework.
* Extract Transform and Load data from Sources Systems to Azure Data Storage services using a combination of Azure Data Factory, T-SQL, Spark SQL and U-SQL Azure Data Lake Analytics . Data Ingestion to one or more Azure Services - (Azure Data Lake, Azure Storage, Azure SQL, Azure DW) and processing the data in In Azure Databricks.
* Experience in developing reports such SQL Server Reporting Services(SSRS), SSAS, MDX, Power BI, CUBES, SQL Server Integration Services(SSIS), DTS Packages and Performance tuning.

**Environment:** Microsoft .Net Framework 4.5, Microsoft CRM SDK 2011 GCP(Google cloud platform),Azure Devops, Repository Patterns,MS Visual Studio .Net 2013,2015,2017, Phython,Kendo grids,Python, ASP.Net MVC, TFS,C#, SSIS, ADO.Net, HTML, PHP,SSIS, IIS 7.5,GIT ,React JS ,angular 7,Node JS,Microsoft Excel,Kanban,.Net Core JavaScript, SSRS, PCF,SQL Server 2012, MSMQ,API, XML Web services, Micro Services ,iO Hub integration,WPF, PowerShell, .Net Core, Azure Databricks, Azure ,CSS, Windows XP and IIS 7.

**Client: Hatcx | Jan 2016 – April 2020 | Omaha, NE**

**Role: Sr. Dot Net Developer**

**Responsibilities:**

* Documents are designed and compiled according to the gathering of requirements.
* Involved in Complete redesign of the whole application from Asp and AngularJs.
* Created custom bullet charts for easy representation of the generators status.
* Worked with advanced concepts of ASP.NET Core MVC such as Models and Providers, Filters used for developing backend technology.
* Coordinate the development efforts of offshore development teams
* Installed Pivotal Cloud Foundry ( PCF) on instances to manage the containers created by PCF.
* Develop technical documentation to define the system components, development environment and implementation planning/strategies.
* Recommend business process flow improvements and clearly communicate problem/resolution process to project management.
* Designed and developed a horizontally scalable APIs using Python Flask.
* Implemented data-binding MVC using Angular JS for front-end development of current web applications.
* Developed the customer **support application** for Telephonic teams from the scratch.
* Implemented AngularJS Services to bind the data and provide access to the data on the server.
* Writing TSQL, PL/SQL, stored procedures, functions and complex queries on SQL Server 2008.
* Implemented JWT Token based authentication to secure the ASP.NET Core Web API and provide authorization to different users.
* Used Azure components like Service Bus implement a communication system between mutually interacting software applications, Message Queues, Redis Cache to support data structures such as strings, hashes, lists, sets, sorted sets with range queries.
* Developed in Agile\Scrum atmosphere to work on .netcore\Fullstack utilizing MediatR, Fluent & Entity Framework
* Working on Azure for highly available customer facing B2B and B2C applications
* Created a database known as SQL AZURE database, which integrates with Active directory and Hadoop.
* Deployed and Maintained windows phone applications on Azure cloud technologies.
* Created complex stored Procedures, Triggers, Cursors, Tables, and Views and other SQL JOINs and statements for applications.
* Responsible for problem identification and resolution of failed processes or jobs and assisted customers in troubleshooting issues with their applications in AutoSys.
* Develop controls such as user-controls, list views, editing and validation, modal popups and Ajax extenders, dropdown lists, file uploaders, query strings, SQL Data source.
* Developing PowerShell Script files to Automate office 365.
* Migrating the data from different sources to the destination with the help of ADF
* Provided technical assistance for analysis and complete automation of business processes by usage of shell scripts.
* Worked as production support team to resolve production issue caused by data, UI code and backend code.
* Working for SAIC contracted with Farm Service Agency USDA on the Windows Form ArcObjects GIS application called FLAT Tool a variety of debugging update and testing have been made the application deliverable to client by the time frame requirement.
* Working on a Silverlight web-based GIS application called FFSF and also figured out the most of issues such as geocoding spatial query and geodatabase problems it can be delivered with the client s requirement as well.
* Use JQuery client-side scripting for autocomplete, tabs, validation, date picking, sorting, auto-submit and other functions.
* Used ASP.NET Web Service to make use of RESTful Web services.
* Experience in SSRS/SSIS and other related SQL Server related tasks.
* Analyze, develop and test new systems using MVC 3 with C#/ASP.Net.
* Create SQL based reports using SQL Server Reporting Services (SSRS) with parameters and stored procedures.
* Monitoring Produced and Consumed Data Sets of ADF
* Used SSIS to export and import data.
* Designed and Developed WebApi's for Microservices.
* Implement security using OKTA Identity service.
* Write WCF Service and Operations Contracts to be utilized by tablets.
* Experience in designing and developing Microservices for the business components using .NET framework.
* Change settings in web.config file according to application needs.
* Extensively used crystal reports and its functionalities for online license creation, payment invoice and other automated documents.
* Created report viewer control to generate .rdlc reports using C .Net.
* Automating the stored procedure and function execution through SQL, scheduling the jobs.
* Applying optimization techniques to improve the performance of the queries and taken care of performance issues across TSQL, and SSRS reports.
* Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* Integrated FACETS database with the .NET applications using Trizetto Integration Solution.
* Providing FACETS application configuration support to the client.
* Experience in working with FACETS and HIPAA compliance.
* Developed . Net core functionality with the ASP.NET MVC Framework.
* Optimized the performance of queries by Data Manipulations which includes modifications in T-SQL queries, removed unnecessary columns, eliminated redundant and inconsistent data, normalized tables, established Joins and created clustered/non-clustered indexes wherever necessary.
* Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes.
* Experience in creating Containers by Docker for Microservices.
* Performed Unit Testing for migrated procedures, functions and RDLs.
* Experienced working in Development, Testing and Production servers.

**Environment:** ASP.NET, Framework 4.0, Visual Studio 2015, TFS 2015 ,MFC , PHP,GIT, Jenkins , Amber,Blazer,.Net core 1.0 , OpenShift,Net Core ,AutoSys 11.0 ,C++, Crystal Reports ,C#, AJAX, PCF,LINQ,,Node JS, CSS, SQL Server 2014,GraphQL, Facets,RDLC reports, JavaScript,NodeJS PostgreSQL,MSMQ, jQuery, PowerShell ,Windows 7,Biz Talk, React JS,SVN, MVC, CSS, DOJO, Angular.JS, Bootstrap, COSMOS, SSIS, SSRS, MVC3.

**Client: Wipro Technologies, Client: Microsoft | Dec 2013 – Dec 2015 | Redmond, WA**

As an lead onsite coordinated I was responsible for UI, web service development teams based of offshore.

**Role: Sr. Dot Net Developer**

**Responsibilities:**

* Documents are designed and compiled according to the gathering of requirements.
* Used MVC and N-Tier Architecture having Business Logic Layer (C#.NET), Presentation Layer and Database Layer (Database Connection and Security Settings).
* Created an application in WPF that generates Silverlight Class library by taking an XML file as an input.
* Coordinate the development efforts of offshore development teams
* Used Agile methodology and SCRUM to study the system, consolidating requirements, establishing interposes relation and team communication, using Agile our team developed cross functionality and distribution of requirements and understanding the current working of the system.
* Leveraged Angular JS for scripting, AJAX calls, JSON and XML for passing objects from Controller to View and vice versa.
* Experienced in inserting 837 I/P/D X12 EDI Claims data into SQL Tables using BizTalk SQL Adapter.
* Created Directives, Services, and Filters using AngularJS with Typescript.
* Worked on Web Service calling using JQuery and AngularJS for Synchronous and Asynchronous AJAX calls in HTML5 web pages.
* Involved in Requirements Analysis and Documenting Technical Specifications.
* Involved in Analysis, Design, Development and the build of the system.
* Acted as Configuration controller for this project.
* Implemented version controlling using TFS.
* Automated a couple of workflows using PowerShell. Involved in writing background jobs using PowerShell.
* Communication between Data Access Layer and SQL Server using LINQ.
* Using SQL Server 2012 database as back-end along with ADO.NET Entity Framework and Linq to access the database tables.
* Developed DTO Classes and Methods to interact with the SQL Server to store and retrieve information.
* Implemented Enterprise Library for collection of reusable software components (application blocks) designed to assist software developers.
* Working on creating Rest Services using ASP.NET Web API and C#.
* Implemented Entity Framework using C#.
* Implemented data accessing using LINQ in Entity Framework.
* Implemented UI development using Angular.js, Bootstrap.js, HTML and CSS.
* Involved in Unit Testing & Integration Testing.
* Implemented Reports using DevExpress.
* Performed module integration, code review, testing and error fixing.
* For the Web application created Application Level Themes and designed the Master Pages.
* Mentoring the translation of business requirements into Mainframes to C#.
* Data scrubbing, also called data cleansing, is the process of amending or removing data in a [database](http://searchsqlserver.techtarget.com/definition/database) that is incorrect, incomplete, improperly formatted, or duplicated.
* Involved in Developing and Deploy the application.

**Environment**: Visual Studio 2015, 2013, 2010, TFS 2015, SQL Server 2014 , MVC 4.0, PHP,C# with [ASP.NET](http://asp.net/) Framework 4.0,Java, Web API, Jasmine unit test, LINQ with Entity Framework, WCF, AJAX, MFC,MS Test ,GIT,script.js, Breeze.js, Java Script, Blazer,VB , XML, jQuery, JSON, Grunt, TFS 2012,DevExpress**,** HTML, CSS, Angular.JS, Web Services (SOAP,WSDL,UDDI) ,Bootstrap.js, Active Batch and Neo Path Tools

**Client: Wipro Technologies, Client: Microsoft | January 2011– Dec 2013 | Hyderabad, India**

**Role: Software Developer**

**Responsibilities:**

* Involved in complete SDLC, which includes Requirements Gathering, Analysis, Design, Development, Implementation, Enhancements, Maintenance, and Support.
* Created UML (Class Diagrams, Sequence Diagram, and Component Diagram) diagrams using Visio.
* Designed and Developed the GUI using the ASP.NET 3.5 features like Master Pages, CSS and HTML for achieving uniformity through all the Web pages.
* Implemented various Validation controls for client-side validation of Server Controls.
* Used ASP.NET web server controls like grid view and repeater controls to display the records.
* Implemented the application using MVC.
* Consumed Web Services for applicant Credit Verification using XML web service (SOAP).
* Involved in developing the Data Access Modules using the ADO.NET objects and SqlClient objects.
* Developed window service to schedule automated payments to deduct from employees' accounts.
* Involved in Creating Views, Triggers, and Constraints using Oracle 11 g.
* Involved in Writing Stored Procedures to update and fetch the data to and from the database.
* Implemented parameterized user defined functions, procedures and invoking events.
* Used Query Analyzer extensively for querying the database for additions and modifications.
* AJAX based ASP.Net controls were also used to give a better Interface over the web.
* Used Visual SourceSafe Version Control System as Source Code Repository.
* Involved in report generation using SSRS.
* Migrated Oracle tables into Comma Separated values(CSV) files using SSIS.
* Implemented page level error handling using Custom Error pages and Error logs.
* Developed test cases and performed unit testing.

**Environment: .**Net Framework 4.0, Visual Studio 2010, ASP.NET, VB, C#, TFS ,Crystal Reports , SQL Server 2008 , JAVA, Java Applets,WCF ,SharePoint, Web Service, Ajax, SOAP, CSS, ADO.NET, XML, HTML,Apex, VSS 2005, JavaScript, IIS 6.0, SSRS,SSIS and Oracle 10g.

**EDUCATION**

**B.S. Computer Engineering**

Vidya Jyothi institute of technology, Hyderabad / 2010