**Manousha Penubakula**

**(419)768-6655**

**Manousha786@gmail.com**

**PROFESSIONAL SUMMARY:**

* Overall, 8 years of experience in Client/Server-tier architecture, Web-Applications, Object- Oriented Analysis and design in Project management methodologies (**AGILE SCRUM**, **Waterfall**).
* Strong experience in system, design, analysis, implementation, testing, development, and maintenance of business applications using **.NET**, **C#**, Windows services in **N-Tier** and **SOA architectures**.
* Technical expertise in Microsoft Technologies like **.NET** Framework 4.6.1/4.5/4.0/3.5, .Net Core, Microsoft Azure, ASP.NET, **ADO.NET**, **IIS**, WinForms, **WPF**, Web Forms, Single Page applications (SPA), **MVC**, Web Services, **WCF**, **WEB APIs**, XML, Angular 2, React JS, Node JS, **SOAP**, **REST API**, Microsoft SQL Server, MongoDB, Oracle 11g PL/SQL relational databases, ADO.NET, Docker Containers, Cloud Native, Multi-threading.
* Exposure to all the stages in **SDLC** gathering requirements, software design, and development and testing/support using Microsoft Technologies.
* Expertise on Microservices, AWS (Amazon Web Services), working with EC2, RDS, Dynamo DB, S3, Cloud watch and Docker.
* Good exposure of Object-Oriented analysis and design, Searching and sorting techniques, data structures and algorithms, software engineering.
* Responsible for using LINQ and Lambda expressions while writing the code and detection of bugs, Rectifying the bugs, Supporting the application and Application maintenance.
* Experience in web application using **ASP.Net** UI design **HTML5**, **CSS3**, Angular 2.0/6.0, Node JS, Kendo UI, JavaScript, React JS, jQuery 3.1.1, **Ajax**, **Bootstrap**, **Angular JS, Vue js**that follows W3C Web Standards and are browser compatible.
* Experience in developing Master pages and other User Interface templates using **ASP.NET** Web Forms, Win Forms, **AJAX** controls and establishing Database connection, access using **ADO.NET**, **LINQ**, **Entity** **Framework**, building **RESTful** applications and **HTTP** Services using **Web API**.
* Worked extensively with **Data Adapter**, **Data Reader**, **Data Set** as a part of **ADO .NET** to access and update database. Extensively worked on LINQ objects to map required data binding.
* Developed Data Access Layer (**DAL**), Business Logic layer (**BLL**) also in implementing Business Processes.
* Expertise of Amazon Web Services Products & Services, Relational and NoSQL Databases, Caching, Object and Block Storage, Scaling, Load Balancing, CDNs, Networking.
* Provide database coding to support business applications using Sybase T-SQL.
* Actively used cursors, functions and calling procedures from one package to another package and created dynamic SQL statements in Oracle using PL/SQL and ADO.Net.
* Having good knowledge of Xamarin forms, techniques in Xamarin for data translation, Xamarin Insights for analytics and error handling.
* Developing multiple new applications from scratch and supporting multiple existing applications.
* Solid understanding of Continuous Integration and Continuous Delivery concepts (DevOps).
* Have Knowledge in OCR (Optical Character Recognition Software) which is used to recognize the text for different languages and converts text images into editable Text.
* Very well acquainted with the concepts like inheritance, polymorphism, abstraction, encapsulation, have used them wherever Object Oriented Programming System (**OOPS**) is needed and comfortable with the **SOLID** principles.
* Good Experience in working on with different version control systems like Team Foundation Server (**TFS**), **GIT**, Bit Bucket, **SVN**, Visual Source Safe (**VSS**).
* Strong debugging and problem-solving skills with excellent understanding of system development methodologies, techniques, and tools.
* Exposure to AWS cloud platform to develop and deploy dynamically scalable, highly available, fault tolerant, and reliable applications.
* Good experience in deploying and testing web applications on **IIS 6.0/7.0**.

**TECHNICAL SKILLS:**

* **Languages:** C#, T- SQL, COBOL, PL/SQL.
* **Web Skills:** ASP.NET, MVC, Web Forms, WEB APIs, WCF, Web Services, HTML, DHTML, CSS, JavaScript, jQuery, Angular JS, Angular 2.0/4.0/5.0/6.0/8.0, React JS, Bootstrap, XML, XSL, WSDL, SOAP, REST, JSON.
* **Relational Databases:** SQL Server, SQL server DTS, MongoDB, NoSQL DB, Oracle 8.0/9i.
* **IDE tools:** MS Visual Studio 2017/2015/2012/2008 and SQL Server Management Studio (SSMS).
* **DB Concepts:** ADO.NET, Entity Framework, RDO, DAO and ODBC.
* **DB Designing Tools:** ERWIN 4.0 and VISIO 2000/2006.
* **Reporting Tools:** Crystal Reports 8.0/11.0 and Brio Reports**,** SSRS.
* **Methodologies:** Agile, Waterfall and Scrum.
* **Version Control Tools:** VSS, SVN, TFS, Git, Bitbucket.
* **Operating Systems:** Windows 10/8/7, UNIX, Linux.

**Education Details:**

Masters, Computer Science, Governors State University, 2017.

Bachelors, Electronics and Communication, JTNUK, 2013.

**PROFESSIONAL EXPERIENCE:**

**Mr. Cooper, Irving, TX Nov 2018 – present**

**Full Stack .Net developer**

Mr. Cooper, formerly known as Nationstar Mortgage LLC, is one of the largest home loan servicers in the country. Mr. Cooper is focused on delivering a variety of servicing and lending products and technologies to make the home loan process more rewarding and less worrisome. As part of my work experience here, I have gained very good knowledge of investment domain.

**Roles and Responsibilities:**

* I am Involved in SDLC phases like gathering requirements, development, testing and deployment.
* Assisting in agile software development management activities to respond to the unpredictability through iterative sprints.
* Designing and developing the application using Micro Service Architecture for its various distinct advantages like loose coupling and design patterns and local Docker management infrastructure.
* Responsible for developing Mapping Connector that consumes data from Web API in JSON format andsaves the data using .Net Core 2.0, Fluent Validation, Fluent API and CSharpFunctionalExtensions.
* Used Microservice architecture, based services interacting through a combination of REST and leveraging AWS to build, test and deploy Identity Microservices.
* Used **ASP.NET MVC 5** Route Attributes for routing the controllers and its action methods.
* Expertise in using API testing tools like Rest Client, Postman, SOAPUI and Involved in designing and build **REST API** using **Web API** framework and C# for share data with external applications.
* Developing several SOAP and REST API based internal tools to enhance quality and performance of existing code base and deployed in AWS and Kubernetes.
* Developed GUI using ASP.NET, HTML, Confidential, JavaScript, Custom controls, Bootstrap and Telerik controls.
* Deploying Web Apps and Creating Web-Jobs, Experience in configuring Cloud Platform (Azure SQL, Service Bus and Cloud Services) and developing services using **Azure Service Bus (ASB)** queues as message queue.
* Implemented **Message Queuing** in .NET that promotes decoupling within a system by enabling components to asynchronously submit requests and receive responses.
* Implemented **C#** features of lambda expressions, extension methods and objects and Creating business components using Dependency Injection, Multi-threading, LINQ.
* Virtualized the servers using **Docker** for the test environments and dev-environments needs, also configuration automation using Docker containers for Microservices.
* Implemented Security in Web Applications using Azure and Deployed Web Applications to Azure.
* Reduced the T-SQL overhead successfully by avoiding unnecessary use of the UNION, statement & using the TOP operator to limit the Select Statement in certain Queries.
* Implemented **DevOps**, Continuous Build and Continuous Integration/Deployment (CI/CD) processes using Cloud Native.
* Reports are generated by using **SSRS** and Reports variables are passed from **ASP.NET** web pages. Using **GIT** as source control to check-in and check-out the code, **TFS** for tracking the status of the work.
* Test the application by unit test to ensure that the system process work as planned and performed Unit Testing for all units in developed pages using NUnit Tool.

**Environment:** Visual Studio 2017, .Net Core 2.0, **C#**, **Entity Framework**, HTML5, CSS3, Angular 4.0, React JS, T-SQL, LINQ, MVC 5, WPF, WCF, SOAP, ASB, MongoDB, NoSQL DB, AWS, Docker, NUnit, **Agile** Methodologies, **Git**, **TFS, SSIS, SSRS, DevOps**.

**ZPower LLC, Los Angeles, CA Dec 2017 – Nov 2018**

**Full Stack .Net developer**

ZPower is a leading rechargeable battery technology industry. Since 1996, our company has pioneered the commercialization and innovation of silver-zinc batteries for use in multiple applications, providing high energy, rechargeable micro batteries for hearing aids, medical devices, and wearable and portable electronics.

**Roles and Responsibilities:**

* Involved in all phases of project lifecycle SDLC like requirement gathering, analysis, design, problem solving skills to troubleshoot and fix web application and testing for the project.
* Practiced Agile Methodology to review progress of project in monthly sprints.
* Implemented a Single Page Web Applications (SPA) and WPF based front end for displaying user requests, user records history and security settings various users using JavaScript and AngularJS.
* Designed and Developed the Web Application using C#.NET, .Net Core and ADO.NET.
* Developed custom user interface using **XAML**, business logic using **C#**, **LINQ.**
* Defined numerous Converters in **C#**, developed views and view models, implemented custom validations.
* Involved in creating Web Forms, Win Forms, User Controls, and Custom Controls using C#.Net and ASP.Net.
* Microsoft **Azure** was used for deployment, hosting and cloud-based services to store SQL Server data into cloud base data warehousing and implemented security in web applications using Azure.
* Involved in writing application interface codes using JavaScript following React.js workflows.
* Involved in complete application stack in Amazon Web Services (AWS) like EC2, S3 Bucket.
* Extensively worked on creating REST API’s in Mark logic which gives UI Elements such as filters (Range filters, Date and String filters), dropdown lists, search fields, pagination.
* Experience in creating Cluster Health Reporting and forecasting for Mark logic Distributed NoSQL DB.
* Used SOAP based Web services to communicate with the business layer objects.
* Developed complex Stored Procedures using **SQL** to retrieve data from database and to update data back to database.
* Implemented **T-SQL** in creating Stored Procedures, Functions, Triggers, and Cursors.
* Deep understanding of WPF and related concepts, including data binding, Data Templates, Control Templates, MVVM.
* Token based authentication approach is used to implement for front end and back end.
* Experience with Data Accessing using Data Adapter, Data Reader and Dataset in ADO.net and **LINQ** (Language Integrated Query) Providers for data manipulation.
* Create and maintain fully automated CI/CD pipelines for code deployment using Deploy and Cloud Native.
* Reduced the T-SQL overhead successfully by avoiding unnecessary use of the UNION, statement & using the TOP operator to limit the Select Statement in certain Queries.
* Designed and built a scalable display ad creation SaaS platform and data pipeline using Ruby on Rails and AWS cloud services including EC2, RDS, SQS, and S3.
* Experience in developing, analysis and the creating unit test cases for the whole application.
* Experience in two-way binding between view and view model using **MVVM**.

**Environment:** Visual Studio 2017, **.Net** Framework 4.6.1, .Net Core, **C#**, AWS, HTML5, CSS3, MVC 4, **MVVM**, WPF, AJAX, JSON, REST API, SOAP, **Entity Framework**, NoSQL, LINQ, WPF, WCF, T-SQL, **Agile** Methodologies, SSIS, **Git**, **TFS**.

**Comcast, Philadelphia, PA May 2016 – Nov 2017**

**Full Stack .Net Developer**

Comcast Corporation is a global media and telecom technology company with two primary businesses, Comcast Cable and NBCUniversal. Comcast Cable is one of the nation’s largest video, high-speed internet, and phone providers to residential customers under the XFINITY brand, and provides these services to businesses.

**Roles and Responsibilities:**

* Used **AGILE** SCRUM methodology to deliver in sprints and Status Meetings, Code Review Meetings.
* Involved in the weekly code review meetings to maintain neatly managed and reusable code.
* Used **Angular.JS** as framework to create a Single Page Application (**SPA**) which can bind data to specific views and synchronize data with server.
* Designed and developed UI components implemented event handling using **C#**, **HTML5**, **CSS3**, **Angular 2.0**, **Backbone JS,** **Bootstrap**, **jQuery**, **AJAX**, **ASP.NET** **MVC** 4.0.
* Consumed different ASP.NET **MVC** Web APIs to retrieve customer information and other application related information.
* Created the Custom User Grid View Control which includes the Sorting and Paging.
* Used Dataset, Data View and Data Adapter to manipulate and display data.
* Modified Web Services to interact with the other applications and exposed them using **REST** and **HTTP**.
* Expertise in setting up MongoDB clusters in Azure and AWS cloud Environments and extensive database designing and programming skills using MongoDB (No SQL).
* Applying and Maintain the Styles of the Winforms in a Common place and specify the styles in the control, like CSS in web pages, needed to implement in Winforms.
* Used **Entity Framework** extensively for data retrieving, querying, storage, and manipulation.
* Wrote SQL Queries to create tables, stored procedures, triggers, creating DTS Packages using SQL server, **LINQ** using Inner/Outer joins, sub-queries, accommodating complex filters and database links.
* Involved in relational database diagram design and Tables design in SQL Server.
* Created Stored Procedures, Views, Triggers and Complex T-SQL queries in SQL Server.
* Developing **SSIS** packages for integration with downstream / upstream application and generating reports which could be sent to other systems.
* Troubleshoot complex errors and problems reported by QA, product owners, content owners, and end users while documenting how to resolve issues.

**Environment:** Visual Studio 2015, **.N**et Framework 4.6.1, **C#**, HTML5, CSS3, JavaScript, Angular 2.0/4.0, WinForms, Bootstrap, jQuery, AWS, **ASP.NET MVC 6**, ASP.NET WEB APIs, AJAX, JSON, REST API, **Entity Framework**, LINQ, SQL Server 2016, Mongo DB, T-SQL, **Agile** Methodologies, **Git**, **TFS**.

**Policy bazaar Ins Web Aggregator Private Lim, India Jul 2014 – Dec 2015**

**Web Developer**

Insurance web application consists of several sites individually dealing in various types of insurable like, Auto Insurance, Industries etc. This application is used for booking, tracking and renewing Insurance policies of several items.

**Roles and Responsibilities:**

* Involved in understanding and analyzing the clients’ business, requirements for the system.
* Involved in Design and Developing components of this application using **ASP.Net**, **C#** **.Net**, **JavaScript**.
* Application design based on n-tier Architecture.
* Written code to access secure web services with **.Net** Web Forms using **C#** and **XML/SOAP**.
* Designed web forms by implementing **HTML**, JavaScript andAngular.JS.
* Involved in preparation of cascade style sheet (**CSS**) files.
* Implemented business, database access layer classes in **C#** using **ADO.NET**, **UML** class diagrams and sequence diagrams.
* Used ADO.NET objects such as Dataset and Data Adapter, for consistent access to Oracle.
* Written **SQL** Queries, Stored Procedures, Triggers, Backup and Restore Database, defining roles, creating database users, Assigning Roles to users using **SQL Server 2008**.
* Performed debugging and tracing, unit, and integration testing.

**Environment:** Visual Studio 2010, **.NET** Framework 4.0, JavaScript, Angular.JS, **HTML**, DHTML, **CSS**, **C#**, **ASP.NET**, **ADO.NET**, XML, **SQL Server 2008**, Oracle 10g, Web Services, XML/SOAP**, IIS 6.0**, **SVN**.

**Citadel Health Ltd, India May 2013 – Jun 2014**

**Jr .Net Developer**

Inpatient Billing is a module for generating bills for all the Inpatients. Billing will be activated the moment a patient is admitted into the Hospital. It will capture all the billable services like Test Requisitions, Medicines, Operation theatre charges, Physician consulting charges, Surgeon charges, Room Charges, etc. which are provided to the patient and the bill will be generated automatically from time to time.

**Roles and Responsibilities:**

* Involved in complete **SDLC** – Requirement Analysis, Development, System, and Integration Testing.
* Designed and Developed the **GUI** using the **ASP.NET** MVC features like Master Pages, CSS, and HTML for achieving uniformity through all the **Web pages**.
* Developed **ASP.NET** pages using Visual Interdev and web forms using Visual Studio.
* Developed a .net batch application responsible for processing Medicare enrollee information from Voyager into FACETS.
* Involved in Integrated FACETS database with the .NET applications using TriZetto Integration Solution.
* Analyzed and created a detailed design document for various components in FACETS Implementation.
* Used **ADO.NET** extensively to access the SQL Server database and Innovative validation techniques for User Input Validations.
* Worked on HPE NonStop X NS7 On-line migration from NS7 X1, NS7 X2 to NS7 X3.
* Worked with The NonStop build tools and compiling between Microsoft Visual Studio with the Enterprise Toolkit (ETK) NonStop Edition.
* Written class modules to implement the common functions used in the entire application to speed up the development process.
* Created Stored Procedures to perform automated rules, updating to related tables using SQL Server 2008 using **T-SQL**.
* Developed various complex reports using Printer Object.
* Involved in Unit Testing and Used **VSS** as Version Controlling tool.

**Environment:** Visual Studio 2005, **.NET** Framework 3.5, SQL Server 2008, **ASP.NET MVC**, FACETS,HPE NS7, **ADO.NET**, **HTML**, **CSS**, **C#**, Printer Object, ODBC, and MS Visual Source Safe x(VSS).