**Saithrilok Cholleti**

**SENIOR .NET DEVELOPER**

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**Summary of Experience:**

* Over 9+ Years of Experience as Senior .Net Developer in the Design, Development, Analysis, Testing, Implementation and Maintenance of Client/Server, Internet, Intranet, Windows, and Web-based applications using n-tier Architecture.
* Experience in all phases of System Development Life Cycle **(SDLC)** from investigation of initial requirements through analysis, design, programming, testing documentation and implementation.
* Extensive experience in using .Net components: **C#, ASP.Net, VB.NET, PL/SQL, ASP.Net MVC, ADO.Net, ADO.Net Entity Framework**.
* Experience in **Azure** for system Deploying, Operating and Maintaining compute, network and storage in the **Microsoft Azure environment** using Microsoft Technologies
* Experience in back end components like **RESTFUL, XML Web services (SOAP, WSDL), Web API, WCF Services and Windows Services.**
* Good Experience in designing and developing the Reusable User Controls using Partial Views, and Layouts for creating common look and feel among all the web pages in **ASP.Net MVC Web Applications**.
* Experience in usage of third party tools **Telerik** RAD control and scripting languages **JavaScript** and **VB Script.**
* Strong experience in developing the reusable components like assemblies by Implementing the OOPS Concepts and Creating the Class Libraries
* Implemented **SOA** architecture through **WCF** services which used to rapidly build service - oriented applications that communicate across the web and the enterprise with features Serialization, Versioning and Interop.
* Experience in UI Development using **HTML5, CSS, JavaScript, Angular JS, Node.js, AJAX, JQUERY, Kendo UI, JSON, and XML.**
* Substantial experience in various .NET applications using **Visual Studio .NET 2012/2010/2008** technologies like **C#.Net, Angular JS, Angular 2/4/6/8/9/11, Node Js, VB.net, Asp.net, Telerik Controls, Silverlight, AJAX, XML** and **Java Script.**
* Excellent in .Net client applications and their development including web and window applications (WinForms).
* Creating **WPF/Silverlight** applications using **MVVM** architecture.
* Strong foundation in **JavaScript** along with **AngularJS**
* Extensive Experience in designing and developing the Reusable User Controls **(.ascx)**, Customer Controls in **ASP.Net Web Pages/Forms.**
* Good experience on **DevOps** essential tools like **Docker, Kubernetes, GIT, Jenkins,**
* Proficient at developing **Single Page Application (SPA)** with **Angular controllers, directives, factories,**

services, routing, DOM manipulation using **JavaScript, JQuery** and **Angular JS 2/4/6/8/9/11**

* Experience with **Mobile** Development and responsive design **(android and IOS)**.

# Experience in AWS Cloud Environment- EC2, S3 Lambda, Auto Scaling, IAM, Cloud Watch, Cloud Formation, Security Groups

* Writing code in **VB.NET** for both the front-end and back-end components of the **portal system** using

# ASP.NET Web Forms.

* Used **TeamCity** for continuous integration and **Octopus Deploy** for deployment of application.
* Used **Jira** for bug tracking.
* Document Authoring on **SharePoint, Windows Azure Cloud Services**.
* Created and managed **SQL Server, Azure**.
* Strong hands-on experience **with MS-Office, MS-Access, MS-Front Page, MS- Power Point, MS Excel and MS Project.**
* Managed and optimized **Blob storage** solutions for scalable and cost-effective data storage in cloud environments (e.g., Azure Blob Storage, AWS S3).
* Strong experience in creating Databases, Tables, developing Complex **T-SQL** Stored Procedures, Views, Cursors, Scripts, Triggers.
* Experience in Creating Data Access Layer using **ADO.Net and ADO.Net Entity Framework** to communicate with the Databases like **MS SQL Server, mongo DB, Oracle and MS Access.**
* Ability to work within a fast-paced environment, and interact supportively within a team, problem solving skills (debugging and troubleshooting), fixing bugs in application and **N-Unit testing**.
* Used **Team Foundation Server (TFS) and Visual Source Safe 6.0** for Version Control.

**Technical Skills:**

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| --- | --- |
| **.NET Technologies** | ASP.NET 1.1/2.0/3.5/4.0/4.5, ADO.NET, AJAX, Classic ASP, LINQ, Entity Frame  Angular JS, Angular 2/4/5/6/8/9/11 |
| **Languages** | C# .NET, VB.NET, Visual Basic, C, C++, Java, PL/SQL, T-SQL |
| **Web Technologies** | HTML, HTML5, DHTML, XML, XSLT, XSD, WSDL, XAML, JSON, SOAP, CSS, Web f  Web Services, Win forms, WCF, WPF, MVC, Silverlight, XSLT, WSDL&UML |
| **Scripting Languages** | JavaScript - Leaflet, jQuery, Visual Basic Script& Type Script |
| **Databases** | SQL SERVER, Cassandra DB, Oracle, Blob Storage |
| **Framework** | Microsoft.Net Framework 1.0/1.1/2.0/3.0/3.5/4.0/4.5,4.5.1, .Net Core Fram  2.0/2.1 |
| **Operating Systems** | Windows 98/NT/2000/XP/Vista/Windows 7/ Windows 8/8.1/Windows 10 |
| **IDE** | Visual Studio, Visio |
| **Web Servers** | IIS (Internet Information Server) |
| **Testing Tools** | Microsoft Visio, NUnit, Karma |
| **Reporting Tools** | SQL Server, SSIS, SSRS, SQL Server Management Studio (SSMS) |
| **Version Control** | Visual Source Safe, Team Foundation Server, Tortoise and GIT |

**Project Experience:**

# Client: Nant health, Morrisville, NC. Nov 2022 – till now Role: Senior.Net Developer

**Responsibilities:**

* Design solution for various system components using **Microsoft Azure Databricks, Datalake.**
* Rewriting the legacy windows forms applications into web based application using web forms and client side technologies like **jQuery, JavaScript, JSON Data, NodeJS, Angular 11**
* Styling the Web Forms using **HTML5, CSS3, Bootstrap, Data tables, Font-Awesome**.
* Created Business Logic Layer & Data Access Layers to implement the MVVM architecture.
* Also involved in Discussion Board for Client Interaction for the change requests and follow-ups.
* Developed middle layer using **C#.NET, VB.NET, MongoDB** and **ASP.NET.**
* Part of gathering requirements, design, and development of project by using **WPF, OOPS** concepts and solid principles.
* Day to Day responsibilities included gathering requirements from the business team and estimated the hours required to complete the requirements.
* Prepared business documents and ppts of the requirements of the project.
* Worked on a POC from scratch and deployed the in the windows server.
* To enable efficient and effective high-quality software development by developing Agile Software Development methodologies.
* Written unit tests, integration tests, and end-to-end tests to ensure the reliability, functionality, and performance of the **portal system**, and conducting thorough testing to identify and fix bugs and issues.
* Improved the UI using **Angular 11, Angular Material, Bootstrap, Priming**
* Implemented **ASP.NET MVC** Validation implemented at Controller level.
* Used **LINQ** to **SQL** as the data provider for communicating with **SQL Server Database.**
* Used Telerik Chart Control to display the data in graphical format.
* The **RESTFUL API service** was developed using **.NET Core WEBAPI, C#, .NET Framework 4.5, LINQ, T-SQL.**

The service used a claims based authorization model.

* Developed powerful Single Page Application and dynamic responsive Web Application with **Angular 11.**
* Designed and implemented **Restful API layer** along with calls to consume an API Layer.
* Experience in Implementation of Token base security using **Restful API.**
* Developed the web pages using Angular Class Libraries with the best practices.
* Involved in Design and Developing components of the applications using **ASP.NET, MVC, C#, VB.NET, JavaScript, Knock Out Js, jQuery.**
* Writing **SQL** Stored Procedures which are helpful for reports and also involved in Creating Reports using

**SSRS** and Crystal Reports on Oracle databases.

* Researching and documentation of new technologies which are helpful for development of application.
* Created Res-useable components, Custom Modules, Custom Directives, Pipes, Services in **Angular 11**
* Created a Continuous Delivery process to include support building of **Docker Images** and publish into a private repository- Nexus v3.
* Utilized TFS for source code maintenance among the whole team members.
* Used Entity Framework Code First Approach and issued queries using LINQ, then retrieve and manipulate data as strongly typed objects and adapted an automated mechanism for accessing and storing the data in the database.
* Used **ASP.NET validation** controls and **JavaScript** for implementing Server and Client side validations.
* Used forms-based Authentication and role based Authorization for security.
* Reviewed and modified programs to ensure technical accuracy, security and reliability of applications.
* Implemented Data extraction and streaming using **Kafka**.
* Deploying the **portal system** to production environments, monitoring its performance and stability, troubleshooting issues, applying patches and updates, and ensuring continuous availability and reliability.
* Managed **Kubernetes** charts using Helm. Created reproducible builds of the Kubernetes applications, managed **Kubernetes** manifest files and Managed releases of Helm packages.
* Also Involved in Testing, Debugging, Maintenance/Enhancement of Project and code review of the Applications.
* Experience with build and release and **PowerShell Scripting.**
* designed and development for **Azure PaaS environment.**
* Maintained timelines as per the estimate and finishing it on time with quality.
* Responsible for the Deployment in the client environment.
* Implementing server-side logic, business rules, data validation, and database interactions using **VB.NET**

within **ASP.NET Web Forms** pages and code-behind files.

* Writing Complex **SQL Queries** and Stored Procedures using **SQL Server Management Studio**
* Created joins, views, functions, stored procedures and triggers as part of the database programming.
* Performing Unit Testing on my part of the application developed using Karma.
* Also Involved in Testing, Debugging, Maintenance/Enhancement of Project and code review of the Applications.

**Environment:** Agile, Visual Studio, .Net Framework 4.0/4.5, VB.NET, ASP.NET MVC, Entity Framework, ASP.NET Web Forms, Azure, Docker, Kubernetes, Angular 9/11, Knock Js, WPF, Js, jQuery, AJAX, ADO.NET, MongoDB, TFS, Node Js, Data tables, Type Script, HTML5, T-SQL, SQL Server, .net core, SSRS, SSIS, Crystal Reports, Apache Kafka

# Client: BNYMellon , NYC, NY Jun 2021 – Oct 2022

**Role: Sr .Net Developer**

**Responsibilities:**

* Extensively worked on **Agile SDLC** methodology and participated in scrum meetings, Retrospectives, Sprint planning and review meetings to discuss the flow of the project and distribution of the User stories.
* Worked with the business analysts in gathering and documenting business requirements though JAD session, interaction with Business owner/sponsor to specify and clarify the requirement
* Performed Server migration using cloud servers like AWS from physical to cloud environment by using various AWS features like **EC2, S3, Auto scaling, RDS, ELB, EBS, IAM, Route 53 for installing, configuring, deploying and troubleshooting on various Amazon images.**
* Written code for both the **front-end and back-end components** of the **portal system** using .NET technologies such as ASP.NET, ASP.NET Core, C#, and Entity Framework.
* Designed **Angular8** Modules and Controllers using different directives like ngShow, ngRepeat, ngApp, ngController and many more.
* Developed a **Silverlight** dashboard to display current capacity of projects, managing Finances.

# Designed large numbers of WPF (Windows presentation foundation) Forms, Custom Controls and User Controls using XML language for UI

* Worked in complete agile team which gathers and designs the tasks based on customer requirement.
* Involved in ETL code using PL/SQL to meet requirements for Extract, Transformation, Cleaning and Loading of data from source to target data structures.
* Performed account/customer maintenance using **Account Maintenance (AM) and Beta Back Office (BBO) tools**.
* Performed **ADA** Accessibility Testing using tools **NVDA Screen Reader, JAWS, Firebug, Colour Contrast Analyzer, WCAG contrast checker** to confirm that the page is accessible for Screen reader users and colour blind users alike.
* Developed **Single Page Application (SPA) using Angular 8** Framework and injected generic services using

# Angular 8.

* Developed the modules using **Asp.Net, C#.Net, HTML5, CSS3, Java Script, Master Pages, Ajax, Web Server Controls and used jQuery for client-side validations**.
* Created reusable templates **using Angular** directives and worked with NPM package manager tools

# (NodeJS).

* Utilized the features of **Angular 8** to present effective web design.
* Used **SOAPUI** for functional testing/debugging the web services and used **WCF Services** for establishing connection between application layers.
* Integrated the **portal system** with other systems, services, and **APIs** using technologies such as **web services**, **WCF**, or **RESTful APIs.**
* Created **WCF Services** responsible for communicating and providing real time data from integrated server to Client Application.
* Utilized **Kubernetes** and **Docker** for the runtime environment of the **CI/CD** system to build, test deploy on the **AWS server.**
* Implemented **Angular 8** Routing and Navigation, Components, Services.
* Implemented Two-way Data-binding in **Angular 6** which makes the application to handle the automatic synchronization of data between the model and view components.
* Designed, architected, programmed **WinForms**, **Web based Application and Libraries.**
* Involved in design and development of Web Application using **ASP.NET MVC, .Net Core 1.0, C#.NET, SQL Server 2008, WCF, and Visual Studio 2012.**
* Helped management to improve overall performance of project by projecting data in charts and providing KPI.
* Created from scratch in **Typescript** for most components with **Angular** framework in mind.
* Analysed and designed new **.NET Web, Batch and WCF** application from design to completion stage.
* Manipulated data and actualized a reusable visualization for corp’s DNA sample plates by using D3.js and Pandas which created values such as data visualization and statistic data export for end users. Saved users 20% time on data analysis.
* Designed the overall architecture of the portal system, including the front-end user interface, back-end services, databases, and integration points with other systems.
* Prepared technical documentation such as system architecture, functional, design documents.
* Got client appreciation for the various project Silverlight, **WCF, ASP.NET, Console** Applications executed.
* Used **Open stack and AWS** cloud services to launch Linux and windows machines, created security groups and written basic PowerShell scripts to take backups and mount network shared drives.

# Leveraged Amazon Web Services like EC2, RDS, EBS, ELB, Auto scaling, AMI, IAM through AWS console and API Integration.

* Ensured successful architecture and deployment of enterprise grade PaaS solutions using **Pivotal Cloud Foundry (PCF)** as well as proper operation during initial application migration and net new development.
* Experience with Asynchronous messaging using **Kafka, RabbitMQ, Redis.**
* Developed and executed test automation using a custom **C#** automation framework for web application and database stored procedure functional testing.

# Designing and developed Micro Services using (MEAN Stack) Nodejs, MongoDB, Angular Elastic search on Private Cloud OpenStack Platform using Express Js.

* Created **web forms** with server controls, user controls, and master pages using **ASP.NET Web Forms**, and styling them using **HTML, CSS**, and client-side scripting languages like JavaScript.
* Designed and developed the Windows application which consisted of a **WinForms GUI and Web Application** using MVC framework.
* Part of this project’s requirement was to do data requirements gathering such as servers, etc, so that another member of the **AutoSys** team, split responsibilities with me to install **AutoSys** on their Windows servers, while the application teams provided an SA to install Autosys on their UNIX servers.
* Developed the web pages using **Asp.net, HTML and CSS** for styling the Web pages.

**Environment:** Silverlight, WCF, ASP.NET, Console Application, C#, .Net Core 1.0, Jenkins, Tortoise SVN, GIT, PRISM, Pivotal Cloud Foundry, TDD, Angular 4/6/8, WPF, HTML, CSS, AWS, Google Cloud, Nodejs, Ajax, ADA, jQuery, JavaScript, TFS, PL/SQL, D3.js, PowerShell, Automation Testing, SQL Server, Kafka, Docker, Kubernetes, Windows.

# Client: State of MI, Lansing MI Jan 2019 – May 2021

**Role: .Net Developer Responsibilities:**

* Responsible for a diverse and challenging set of assignments encompassing a full range of information technology **analysis, design, development, implementation,** and maintenance work related to the customer’s databases and applications.
* Developed and consumed **WCF** Web Service to access data layer components.
* Managed and optimized **blob storage** solutions for scalable and cost-effective data storage in cloud environments (e.g., Azure Blob Storage, AWS S3).
* Created and deployed and consumed **WCF** services in UI layer.
* Involved in the creation of Web applications typically **ASP.NET** using **MVC** framework.
* Designing and developing using **Agile/Scrum Development life cycle**.
* Involved in developing **Single Page Application** & Implemented the **Page Events** such as click, change events using **Angular 2**
* Responsible for UI design and creating contracts and classes in **WCF, WPF** for different modules in the application.
* Created Icons, Wireframes using **Adobe Photoshop**, **Dreamweaver**, **and Adobe Illustrator**.
* Worked on front end pages that were developed in a professional manner using **HTML/HTML5, SCSS, Typescript,** and **JQuery**.
* Microsoft development environment like **Visual Studio**, **TFS**.
* **Team Foundation Server** for issue tracking.
* Created Database Tables and have written **SQL Queries**, **Stored Procedures** for all the Transactions in and out of the Database Using **SQL server**.
* Built reusable templates for web sites using **Bootstrap** and Font-awesome fonts.
* Extensive usage of Delegates and Events to establish communication between the **WinForms.**
* Developed client side validation code using **Typescript** and **JQuery**.
* Developed **UI** using **HTML5** and **Typescript** for interactive cross browser functionality.
* Work closely with **UX** team to implement **mock-ups** and the layouts of the application.
* Implemented **Angular 4** along with **Typescript and HTML5.**
* Creating the Master pages with new Icons, Logos, Buttons, Colors, Images, and Fonts for look and feel of the application using **SASS styles, Html/HTML5**.
* Responsible for developing core product using **.Net platform**, **C#** and **Asp.Net**.
* Developed code to call the **web service/APIs** to fetch the data and populate on the **UI** using **Angular 2.0**

and **AJAX.**

* Creating user interfaces for displaying results using **kendo**, **Ajax** and **Asp.net.**

**Environment**: HTML/HTML5, CSS/CSS3, MVC frame work, TypeScript.ts, JavaScript, Angular 2/4, JQuery, Kendo UI, Bootstrap, AJAX, Entity Framework, Microsoft SQL Server, web forms, Agile development methodology, C#, ASP.Net, WCF, Web Services, Team Foundation Server, Adobe Photoshop, Adobe Illustrator, Dreamweaver, blob Storage.

# Client: costco travels, Seattle, WA Apr 2016 – Oct 2018 Role: .Net Developer

**Responsibilities:**

* Created different system pages which help executives to sell credits using the following technologies **ASP. Net, C#, SQL Server, JavaScript, WCF, SmartClient, Telerik**
* Designed and improved software development process, including creation of application to improve quality of software and cement the ability to reliably deliver releases on schedule.
* Developed the complex features in **C#, LINQ, SQL Server**, and **Oracle**, i.e. the interaction with the other systems and APIs. Implemented MVC Filters on Authentication, Authorization and others.
* Created sites to organize client contracts and to summarize monthly financial data using React.js and MySQL.
* Installed NodeJS package as a dependency to work with ReactJS.
* Worked on full-stack development, with a focus on react/redux on the front-end and NodeJS on the back end.
* Assisted in migrating legacy data systems to **Blob storage**, reducing operational costs and improving accessibility.
* Worked with complex & dynamic presentation layers using HTML, DHTML, XHTML, CSS, Themes, Skins, Master Pages, client-side scripting using JavaScript, jQuery and React JS, Node.js.
* Design and developed using **C# .NET Smart Client**, taking advantage of Entity Framework and SQL Server with Windows and Web Services
* Responsible for implementing two screens from end to end. The MVC application also utilized Razor and

**LINQ**. Involved in Deployment and Troubleshooting issues in the application during Go Live.

* Developing **RESTful services** with **WebAPI** and **SOAP Web Services** to be consumed by Web Applications.
* Defined the architecture and technologies to use. Reviewer of analysis, design and implementation of application using **ASP.NET MVC** Core Architectural Design Pattern.
* Worked on cross browser web application using ReactJS with Redux, Redux Forms, HTML5 and bootstrap.
* Involved in Database Design, creating tables, indexes, views, stored procedures, referential integrity.
* Implementation of Windows services using **C#.** Implement Agile Methodology focusing on TDD and **Scrum. MS SQL, Oracle** utilized to store data from integration layer processing.
* Improved the test process using MSTest for unit testing, and FitNesse for integration testing.
* Documented entire project from machine setup and coding standards to test environments and system architecture.

**Environment:** C#, .NET, ASP.NET, MVC, Entity Framework, Data Model, XML, JSON, WebAPI, RESTful, Telerik, SSL, Visual Studio, SQL Server, LINQ, jQuery, JavaScript, CSS3, HTML5, React JS, TFS repository, GIT, MS Visio, SmartClient

# Client: Wipro, Bangalore, India July 2014 – Mar 2016 Role: Junior Software Developer

**Responsibilities:**

* Participated in Design reviews, **Architecture reviews**, **Code Reviews** and proposed solutions to the business problems.
* Extensively used **LINQ** to Objects to query the objects based on requirement.

# Used ASP.NET 3.5 Server controls, User Controls and HTML controls.

* Developed Web pages with ASP.NET using JavaScript, Client-Side Validation, Server controls, HTML5 Controls, jQuery, and CSS.Implementing the Object Relational Mapping using nHibernate.
* Using **MVC 5** architectures to developed web-based applications.

# Utilized ASP.NET, C#, Service Oriented Architecture (SOA), Windows Communication Foundation (WCF).

* Implemented **Data Access layer**, Caching Application block, Application validation, Exception handling and logging components using Microsoft Enterprise **Library 4.1 Application Blocks.**
* Developed and used various Web forms, Custom Controls and User controls using **ASP.NET**, **C#** and

# JavaScript.

* Writing Complex Stored Procedures in SQL to pull data from DB2 and Oracle.
* Involved in Database Designing, Views and Stored Procedures in **SQL Server.**
* Involved in Unit testing and Integration testing with other modules.
* Creating reports using the Crystal Report for the report needed by Middle Office, Back Office users.
* Created **Styles, Templates** in **Silverlight** in designing the UI with XAML.

**Environment:** C# 3.0, ASP.NET 3.5, MVC 5, XAML, Visual Studio 2010, ETL, ADO.NET, Js, HTML, DHTML, XML,

XSL, XSD, SOAP, Web Services, jQuery, nHibernate, Ajax, Oracle, SQL Server 2008.

# Educational Details:

University: JNTUH

B. Tech Computer Science Passed Out:2014