# PROFILE

I, **Mr. Abhiram Sriramoju** is an accomplished Professional, with around 8 years of progressive experience in all the phases of software development life cycle (SDLC) - Project Analysis, Requirements, Design, Development, Testing, and Deployment and Documentation.

**PROFESSIONAL SUMMARY**

* Extensive **around 8 years’** experience in .**NET Framework 4.5/4.0/3.5/3.0** Web based application development using Microsoft.NET technologies including **ASP.NET, C#, .NET Core, ADO.NET, WCF, WPF, Silver light, AJAX, ADO.NET,** **XML, COM, COM+, DCOM, VB, Java** and **VB scripts and ASP.**
* Experienced in a fast-paced **Agile Development** Environment including **Extreme Programming, Test-Driven Development (TDD) and Scrum**.
* Knowledge of Risk management principles and practices.
* Understanding of current Risk management tools and techniques.
* Have expertise in technical design documentations using **UML** modeling, **OOP analysis, design, and design patterns (Singleton, Abstract Factory and Observer, MVC)** to standardize the application architecture.
* Solid command in **Object Oriented concepts (OOPS)** using C#.
* Developed **Data Access Layer (DAL), Business Logic layer (BLL)** also in implementing Business Processes, Abstract factory as part of Service Oriented Architecture (SOA) using **C#.**
* Development experience with **JavaScript** and **C#** for implementing **client** **side/server-side** code in **ASP.NET** applications.
* Experience in **Go Lang**. Have done various projects in **Go Lang.**
* Experienced in developing REST web services and Go based Rest clients for consuming the rest services in **Go Language.**
* Experience in Golang concepts like Slices, Maps, Structs, Interfaces, goroutines and Channels and extensive working knowledge with **Microservices, gokit, ORM GORM, cli, Gorilla Mux**.
* Created a **RESTful** Web API service using **Go Lang** Web API to generate data for the CMS which was then consumed in the front-end by Angular 6.
* Designed fronted web-based form using **Angular 7/6/4/5/4/2** with **Ajax** controls **CSS** and **HTML5**.
* Experience in Object Oriented Analysis in developing **Python** Back-End framework using various design patterns.
* Good understanding of **Mongo DB** and Hands on knowledge in **JAVA** and J2EE technologies.
* Hands on experience in debugging code using browser tools like Chrome Developer Toolbar, Firebug, and IE Developer Toolbar.
* Designed database schemas with complex entity relationships.
* Strong in **AJAX, JSON,** promises and good at consuming **RESTful services.**
* Experience in **SharePoint Technologies**, **SharePoint Portal Server 2010/2013**, **Microsoft** **Office SharePoint Server (MOSS) 2007/2010/2013**, **SharePoint Designer 2010/2013, InfoPath Designer 2010/2013, WSS 3.0** and **.NET**
* Experience in CSS pixel-level layout, **CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Sprites, CSS Padding, CSS Table**, Pseudo Elements & Classes and CSS Behaviors in CSS, browsers version and platform Independence.
* Designed dynamic web applications and websites using **DHTML, HTML Custom controls, CSS, XML/XSLT**.
* Excel in achieving Service Oriented Architecture **(SOA)** goals with Windows Communication Foundation **(WCF)** and developing applications using Windows Presentation Foundation **(WPF)** technologies and **XAML**.
* Extensively used **Entity Framework** and **ADO.NET** to implement the data layer to communicate with different databases.
* Experience in **Microsoft Access** Applications **SQL**
* Extensive experience with **writing code and developing forms, macros, modules, reports in Microsoft Access VBA and VB6**.
* Experience in data manipulation using **ODBC, DAO ADO Objects in MS Access VB6.**
* Extensive experience with **manipulation of data in oracle database and Access database**.
* Created Entity classes, relationships between entity classes using **LINQ (Language Integrated Query) to SQL, LINQ to objects and LINQ to XML** to manage relational data as objects.
* Hands on experience in using Web Server – **IIS, Team Foundation Server, Visual SourceSafe, Data Transformation Services (DTS).**
* Experience in setting up Build and Release **CI/CD** pipelines on **Azure DevOps**.
* Management and design of Integrated build pipelines using continuous integration workflows such as **Jira, Git, Jenkins, Docker, Kubernetes, Artifactory**
* Implemented a **'server less'** architecture using **API Gateway, Lambda, and Dynamo DB** and deployed **AWS Lambda code** from **Amazon S3** buckets. Created a Lambda Deployment function, and configured it to receive events from your **S3** bucket
* Designed the data models to be used in data intensive **AWS Lambda**applications which are aimed to do complex analysis creating analytical reports for end-to-end traceability, lineage, definition of Key Business elements from **Aurora.**
* Worked on designing the Database Schema, which represents an ownership context for a **Microsoft SQL Server2012/2008R2/2008/2000 and Oracle10g/9i database object** andtuning **ETL** jobs and workflows.
* Work experience on **Windows Azure, Azure Active Directory**, **and SQL** **Azure**, creating resource groups, subscriptions, build definitions and release definitions.
* Experience working on different modules of **TriZetto** **Facets** claims processing system.
* Excellent interpersonal abilities, communication skills, time management and Team skills with an ability to work hard to attain project deadlines under stressful environments.
* Created complex Stored Procedures to extract data for generating reports by using **SQL Server 2008/2005 Reporting Services (SSRS)**, Triggers, Indexes and Views for performance tuning and retrieval of data and BI.
* Expertise in implementing **BI Packages like SSIS, SSRS** to Perform automated Batch Processes.
* Implemented Reports using SQL Server **Reporting Services, Crystal Reports** by using stored procedures implemented in the SQL **Server 2008/2005 and Oracle 9i/10g**.
* Performed unit testing with **VSTS** and **NUnit**, use of a standard build process using **NAnt**, and implementation of configuration management.
* Experience working with Microsoft Azure Cloud based **IAAS**, **PAAS** and **SAAS**
* Used **Web Content Management System (WCMS)** for website authoring, collaboration, and administration tools which allows users to create website content

 **SKILLS**

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| **Programming Languages**  | C, C++, C#4.0/3.0/2.0, .NET Core 2.0, VB.NET, T-SQL, PL/SQL, Go Language, Python. |
| **Technologies** | .NET Framework 4.0/3.5/3.0/2.0/1.x, ASP.NET, MVC 2/3, Silverlight 4.0/3.0, ASP.Net, .Net Core, Ajax 3.0/2.0, JavaScript, JQuery. |
| **Xml Technologies** | XAML, XML, XDOCUMENT, XSLT, XPATH, XSL. |
| **UI Technologies** | WinForms, WPF, ASP.NET Web Forms, Angular Js, Angular 2,4,5,6,7 React Js. |
| **IDE Tools** | Visual Studio 2010/2008/2005, Sql Server Management Studio. |
| **Databases** | MS SQL SERVER 2012/2010/2008R2/2005, MS Access 2010/2007/2003, Oracle 10g/9i/8i, Mongo DB, Elastic Search. |
| **Modelling Tools** | UML, MS Visio 2010/2007. |
| **Reporting Tools** | Sql Server Reporting Services (SSRS), Crystal Reports 10/8.5/8. |
| **Servers** | Windows Server 2003/NT, Microsoft IIS (8.0/7.5/7.0/6.0/5.0/4.0), Windows Server 2008 R2/2012. |
| **Middleware** | WCF, ADO.NET4.0/3.5/3.0/2.0, MSMQ, Web Services, Enterprise Library 4.1/3.1. |
| **Version Control Tools** | Visual SourceSafe2005, Subversion, Team Foundation Server 2010/2008, SharePoint 07/10/13, Azure DevOps, Jenkins, GIT |
| **Other Utilities** | ILdasm, Nant, gacutil, Sn.exe, Ants. |

 **PROFESSIONAL EXPERIENCE**

**Centene Corporation, St Louis, MO April’2018 to Till Date**

**Senior Application Software Engineer**

**Responsibilities:**

* Designed the front-end application User Interactive (UI) web pages using web technologies like **HTML5/CSS3, Angular 4, Angular 6 and bootstrap.**
* Backend proficiency using Google Go (**Golang**), **Mongo DB**
* **Golang** back-end development for **Micro services.**
* Building **Micro services** using **Golang**, JSON, Docker, and **MongoDB**.
* Good understanding of Design Patterns, Multithreading and **Golang** containers. Well versed in using Channels and goroutines.
* Experience writing data APIs and multi-server applications to meet product needs using **Golang**.
* Experience in writing the HTTP RESTful Web services and SOAP API's in **Golang**.
* Implementing the routing technique in **Golang** using **Gorilla** **mux** as request router and dispatcher for matching incoming requests to their respective handler
* Designed configurable REST APIs on demand using **Golang**. Worked on numerous go frameworks **like gin, revel, beego.**
* Moved existing **Angular4 controllers** to **Angular6 components** for more responsive and less dependency.
* Developed dynamic responsive Web Application by integrating **Angular6** with Bootstrap which is further integrated with **Web Services.**
* Built Responsive websites using **jQuery, JavaScript** with the powerful Bootstrap Framework.
* Created **Typescrip**t reusable components and services to consume **REST API's** using Component based architecture provided by **Angular 6**.
* Created **Typescript** reusable components and services to consume REST API's using Component based architecture provided by **Angular 6.**
* Used **Angular 6** Template Driven forms and Modern Driven (Reactive) forms to perform form validations both on server and client side
* Used **Decorators** to optimize the code reusability and worked with services, providers in Angular 6.
* Experience in working with **Routes**in**Angular 6.**
* Customized components for each of the web page in **Angular 6.**
* Implemented **Angular Router** to enable navigation from one view to the next as agent performs application tasks
* Developed User interface using **Angular 6**, Data Tables frameworks to visualize historical housing and rendered data.
* Developed **Angular 6** Services to consume **JSON** data from Mongo DB, Google MAPS RESTful services.
* Worked on creating different type of indexes based on different collections to get good performance in **MongoDB**.
* Experience in creating JavaScript for using DML operation with **MongoDB**.
* Collaborated with development teams to define and apply best practices for using **MongoDB**.
* Coordinate and plan with Application teams on **MongoDB** capacity planning for new applications.
* Setup **MS Access/Excel** applications to run on **Citrix** during regular server downtime as part of application side Risk Management.
* Involved in making the application Responsive-using **Bootstrap**, used **CSSLESS** pre-processor.
* Created **Angular 4, Angular 6**, **Directives, Components, Pipes,** **Injectable** across the whole system, such as build the custom filter and the main assortment dashboard.
* Redesign the app using technologies of **HTML5, CSS3, JS, Angular 6**, **Node JS** and **jQuery.**
* Worked with Express.js for development of **RESTful web services** and middleware configurations.
* Worked on designing, coding and developing the application in **Python** using Flask MVC.
* Experience in working with **Python** ORM Libraries including Flask ORM,
* Worked on integrating **Python** with Web development tools and Web Services.
* Gained Knowledge on Electrode Platform which is a NodeJS/Web platform built on top of the **ReactJS** frameworks.
* Develop various screens for the front end using **ReactJs** and used various predefined components from NPM (Node Package Manager) and Redux libraries.
* Worked with **NPM** commands and using **Package.json** for managing dependencies and dev-dependencies of **Node.js** applications.
* Used **React JS** in components like **JSX**, creating React components, Virtual.
* Developed page layouts, navigation, animation buttons and icons.
* Integrated well with backend **REST API** services and created local stubs and virtualization for the services.
* Skilled in monitoring servers using Nagios, Cloud watch and using **ELK** **Stack** **Elasticsearch** Fluent **Kibana**.
* **Elasticsearch** and **Logstash** performance and configuration tuning.
* Providing Global Search with **Elasticsearch**
* Implemented cloud-based integrations with **Elastic**.
* Build visualization and Dashboards using **Kibana**.
* Queried in SQL to validate data in database and **Facets**.
* Tested the membership and claims files (**XML**) in **Facets**.
* Designed and developed **AWS Cloud Formation templates** to create custom **VPC**, Subnets, NAT to ensure deployment of web applications.
* Worked on Multiple **AWS** instances, set the security groups, **Elastic Load Balancer**and**AMIs**, **Auto scaling** to design cost effective, fault tolerant and highly available systems.
* Changing the **AWS** infrastructure **Elastic Beanstalk** to **Docker** with **Kubernetes.**
* Developed environments of different applications on **AWS** by provisioning on **EC2** instances using **Docker**, **Bash** and **Terraform**.
* Produced and Consumed **Restful** **Web Services** using **Postman** **Rest Client**, to interact with different applications from third-party tools.
* **Migration** of the Source Code from Apache Subversion (SVN) to **GIT HUB**, and the migration from **GIT Hub**to **BIT** **Bucket**.
* Integrated **GIT**into **Jenkins**to automate the code check-out process.
* Performed all necessary day-to-day **GIT**support for different projects
* Responsible for design and maintenance of the **GIT Repositories**, views, and the access control strategies
* Involved in **Upgrade**of **Jenkins**& **Artifactory**Server by scheduling backups in **S3**.
* Used **Jenkins** in **CI/CD** for end-to-end deployments.
* Managed Docker orchestration and **Docker** containerization using **Kubernetes**.
* Building/Maintaining **Docker**container clusters managed by **Kubernetes Linux, Bash, GIT,** **Docker, on GCP**.
* Utilized **Kubernetes**for the runtime environment of the **CI/CD**system to build, test deploy.
* Hands on working experience with **Jenkins** continuous integration Tools including installation, configuration of jobs, pipelines, security set up etc.
* Production deployment with **Docker**.
* Worked with Business users and stake holder for gathering business requirements and Convert the Business Requirements into User Stories using **JIRA**.

**Technical Environment:** Go Language, Python, Angular 4/5/6, React Js, Node.js, Windows, MVC, CSS3, HTML5, JavaScript, jQuery, XHTML, XML, JIRA, Typescript, Jasmine, Karma, AJAX, Mongo DB, DOM, MVC, Bootstrap, JSON, AWS, Rest full API, ELK Stack, Jenkins, Kubernetes.

**Southwest Airlines, Dallas, TX Jan’ 2017 to March’2018**

**Sr .Net Developer**

**Responsibilities:**

* Involved in total development life cycle **(SDLC)** of the application including Analysis, Design, Development, Source code management, build management, and Testing of application.
* Participated in designing and developing different modules using **.Net framework 4.5,** **ASP**.**NET**, **C#, .NET Core, ADO.NET,** **XML**, **XSD**, **SQL** **server 2012**, and **Visual Studio 2012.**
* Done **Multithreading** using **C#.**
* Implement **Agile &** **Scrum** methodology in application development.
* Designed Web pages using **ASP.NET** including master page, custom control.
* Worked with **HTML**, **CSS**, **AJAX**, **Bootstrap, AngularJS** and **jQuery** to improve look and feel of the **ASP.NET4.5** web page.
* Involved in successful migration of C based architecture to **GO (Go Language)** worked in distributed systems and server sided software.
* Developed **Micro services** to utilize **Go Language**, REST web services in the client's environment.
* Class libraries containing code for business and data access logic coded using **C#.NET**.
* Designed databases and wrote Queries, Stored Procedures, Trigger in **SQL** **2012**.
* Used **ADO**.**NET** framework such as Connection, Command, Data Adapter and Data Reader to consistent access and manipulate the **SQL** data sources.
* Used **SSRS** for **SQL Server reporting** and **SSIS** for **SQL Server data migration**.
* Created **DAL** **(Data Access Layers)** to establish database connectivity and data manipulation.
* Part of a team responsible for web application tuning from multiple users. Helped upload static calculated files to **AWS S3** to reduce **SQL** server load during peak times using caching, Memcached, Redis, code refactoring and analysis, **SQL** connections, and used Glimpse where necessary.
* Identified the field and column level data quality issues of the source systems to drive the data quality, data cleansing and error checking in the **ETL packages**.
* Designed and developed **ETL packages** using **SQL** Server Integration Services (SSIS) to load the data from **SQL** server, **XML** files to **SQL** Server database through custom **C# script tasks.**
* Designed and documented the **error-handling strategy** in the **ETL load process**. Prepared the complete **ETL** specification document for all the **ETL** flows.
* The N Tier application consisted of presentation, middle, business and data layers. The business layer facilitated caching logic and another middle tier logic. The data layer was used to access **SQL** and other **Amazon AWS technologies**.
* Involved in migration from **MS Access** reports to **Oracle** reports
* Provide support to various **MS Access** applications
* Creating **XML** File from **Access** database
* Implementation of client side Validate form inputs, customize selections, Confirmation using **JavaScript, JQuery** and **Ajax**.
* Used **WCF** Service Contract for validating the user input.
* Coding for various Modules Error Handling using **ASP.NET** features such as Exception Handling, and Custom Error Messages.
* Used Team Foundation Server **(TFS)** for source control, integration, maintenance, data collection, reporting, project tracking and Security of code.
* Performed unit testing using **VSTS**.
* Performed code review, worked close to team member to ensure consistence to code standards.
* Documented and coding Technical artifacts and developed test plans.
* Used **WPF** in creating different animated scenes using the combination of transforms, animation controls (storyboard, double animation) and color effects.
* Used **Azure** Monitoring service (Activity Logs, Metrics, and Diagnostics Data) for audit.
* Implemented **WPF** in creating custom controls.
* Implemented **JWT Token** based authentication to secure the **ASP.NET Core Web API**and provide authorization to different users.
* Developed **ASP.NET Core Web API** based on departmental requirements and specifications.
* Worked with advanced concepts of **ASP.NET Core MVC** such as **Models** and **Providers**, **Filters** used for developing backend technology.
* Deployed the tools **Microsoft Azure Cloud Service** (PaaS, IaaS), and **Web Apps.**
* Implemented **Azure** Application Insights to store user activities and error logging.
* Responsible to Build and Maintain **Azure CI/CD** Pipeline on **Azure DevOps.**
* Led company through successful launch of **Web redesign**, coordinating all content and layout with Web design team.
* Ensured **Web content accuracy** and taxonomy through development and analysis of end-user feedback channels

**Technical Environment:** Net Framework 4.5, ASP.NET, C#, .NET Core, WCF, WPF, ADO.NET, SSRS, SSIS, AJAX, JavaScript, Go Language, T-SQL, HTML, JQuery , AngularJS , Elastic Search Internet Information Services (IIS) 8.0, SQL Server 2012, Visual Studio 2013 IDE, VSTS, and Azure, Azure DevOps, Team Foundation Server (TFS) 2013.

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**Citizens Bank - Providence, RI Mar’ 2016 to Dec’ 2016**

**Sr .Net Developer**

**Responsibilities:**

* Designed and developed various abstract classes, interfaces, classes to construct the business logic using **C#**
* Developed the reusable framework for the application using the ASP.NET **MVC Framework 3.0.**
* Designed and developed **Graphical user interfaces** using **Silver light XAML and C#.**
* Extensively used **Silver Light Data Grid, Items Control and many other controls** with Paging and Sorting for displaying various data on to the page.
* Used JavaScript to perform validations and catch the events on client’s browser.
* Involved in developing web **Pages with rich UI, AJAX, JQuery** using **ASP.NET.**
* Worked with **Web Services, caching features, configuring optimizations** and securing the web application.
* Conducting detailed risk assessments by analyzing documents, statistics, reports and market trends.
* Developed module which deals with **validating user, changing passwords** and searching of information depending upon priority of user in site Using **ASP.NET.**
* Developed system services **SOA application platform** for use by all web applications **utilizing WCF services and the ASP.NET provider model.**
* Used **Data Contract** as the standard mechanism in the **WCF** for serializing .NET object types into XML.
* Designed **WCF Service Contract** for validating the user input credit card type and its validation.
* Used **WPF** and **WCF** to communicate between DAL and other business components.
* Developed **Web Services** and invoking them by using XML **SOAP and WSDL** for creating proxy classes.
* Experience with **Managed Metadata Service** within **SharePoint 2013**
* Extensively used technologies like **AJAX** for a rich **UI** experience.
* Effectively used JQuery a concise JavaScript Library for traversing HTML document, event handling and AJAX interactions.
* Extensively used Third Party tools like **Dev Express** for developing rich user interfaces**.**
* Used **LINQ to SQL, LINQ to Objects** for retrieving the data efficiently and Just in Time manner.
* Implemented Data Access Layer using **Entity Framework** and **LINQ.**
* Developing **Microsoft Access 2007** Application using **DAO ADO** objects
* Extensively used Report Wizard, Report Builder and Report Manager for developing reports and deploying reports in **SSRS.**
* Created different chart reports helped in analyzing perform counters using **SSRS** 2005.
* Implemented **Unit Testing** using **VSTS** and involved in **Integration Testing** and **Regression Testing**.
* Used **Microsoft Team Foundation Server** for version Control and source code maintenance needs.
* Increased associate sales close rate 20% by partnering with **business stakeholders** to write, organize and publish Intranet sales support content.
* Achieved 25% reduction in content input process by organizing company's first **Subject Matter Expert (SME)** network.

**Technical Environment:** ASP.NET 4.0/3.0, C#, Visual Studio 2010/2008, ADO.NET, COM, COM+, IIS 7.0/6.0, WCF, WPF, Silverlight 4.0/3.0, LINQ, NUnit, .NET Framework 4.0/3.5, Java Script, SharePoint 07/10 Multithreading, Crystal Reports 10.0/9.0, MTFS, SQL 2008/2005, Windows Server 2003.

**Bed Bath & Beyond, Bangalore, India Aug' 2013 to Sep' 2015**

**.Net Developer**

**Responsibilities:**

* Involved in requirement analysis, design and prototype development, effort estimation and team management.
* **ADO.NET** objects such as **Data Set**, **Data View, Data Reader** and **Data Adapter** are used in the Data Access layer to communicate with thedatabase to access, update data in the database.
* Developed presentations layer using **CSS**, **Master Pages** & **Themes** to create user interfaces using web pages and controls.
* Developed **UML** use case diagrams and design patterns for easier code changes and for reusable solution.
* Used C# for **ASP.NET server-side state management** features such as **application state, session state and profile properties.**
* Responsible for applying **JavaScript** on Web Forms for **client-side** validation.
* Used **AJAX** extensively for creating User Controls and speed up web applications by providing partial page updates.
* Worked with **SharePoint** backup solutions using **SQL** Server and **PL**/**SQL**.
* Used **LINQ**, **LINQ** to **SQL** and **ADO.NET** to interact with the databases.
* Configuration and Version Control by **Microsoft Team Foundation Server (TFS**).
* Provide strategic solutions to the business and technical teams to ensure ICOMS/PPS and PULSE operations run seamlessly.
* Implemented a**.NET** Web services to upload millions of customer records to **SQL** **Server 2005** database from **Oracle** **10g** database.
* Continuously implement new design (plans) and modify existing telecom **VAS** (Value Added Services).
* Performed User Acceptance testing (**UAT**) and System Integrated testing (**SIT**) to handle deployments in test and production stages.
* Handled production issues during the deployments and effectively managed client change requests

**Technical Environment:** C#. NET, ASP.NET, ADO .NET, TFS, SQLServer2005, JavaScript, AJAX, Visual Studio 2008, Windows XP, Oracle 10g, Team Foundation Server.

**EDUCATION**

Master’s in Information Technology, Colorado Technical University, Denver CO, (2017)

Bachelor’s in Computer Science, Kakatiya Institute of Technology and Science, Warangal, India (2012)