SARITHA REDDY L

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# SUMMARY

Dedicated **.NET Developer** with a Master’s in Software Engineering and **8 years of experience** in developing software solutions. Skilled in **.NET Core, ASP.NET MVC, C#, Web APIs, SQL, Angular** and **JavaScript**, with a focus on improving system efficiency and reliability. Proven ability to lead cross-functional teams, deliver scalable solutions and manage full SDLC in Agile environments. Experienced in analyzing requirements, troubleshooting, and delivering practical solutions that add value to the organization.

# SKILLS

* **Language/Technology** .Net Framework 4.0/4.5/5.0, .NET Core, C#, VB.Net, SQL server, Python, Java
* **Web technologies** ASP.Net, ADO.Net, WCF, WPF, Web Services, MVC, Web APIs, Web forms, Razor View Engine, Bootstrap, HTML, XML, CSS, jQuery, JavaScript, Angular JS, Angular 5,6 , Angular 12, Ajax
* **Databases** SQL Server 2008/2008 R2/2012, MySQL, PL/SQL
* **IDE** Microsoft Visual Studio 2010/2012/2013/2015/2017/2019/2022
* **Web Servers** IIS 5.0/6.0/7.0
* **Version Control Tools** Team Foundation Server (TFS), GIT
* **Tools** Postman, Azure DevOps, CI/CD pipelines, Jenkins, Fiddler, Burp suite to test security and write secure code to avoid XSS, CSRF, Session hijacking, SQL Injection
* **Leadership** Project management, Team leadership, Client communication
* **Methodologies** Agile (Scrum), Waterfall, Test driven development (TDD)

# PROFESSIONAL EXPERIENCE

## Client: Medline | IL, USA

**.Net Developer | 01/2024 - Present**

**Description:** Novologix is an application designed to create and manage authorizations and claims for specialty drugs. My role involved developing and optimizing various workflows within the application, integrating data processing and business logic.

## Responsibilities:

* Developed and optimized workflows in the Novologix application using **.NET Core, Angular 12,** and **C#**, improving performance and user interface.
* Developed key user interface components for processing drug authorizations and claims using **ASP.NET**, **MVC**, **HTML5**, **JavaScript**, **Angular 5**, and **CSS**, enhancing usability and ensuring compliance with healthcare standards.
* Developed business logic for managing healthcare workflows, including authorization approvals and claim adjudications, using **C#** and applying advanced **OOP** principles to streamline operations.
* Led the upgrade of **Angular from version 5 to 12**, enhancing the user experience and application performance.
* Built and integrated **RESTful APIs** using .NET Core and Angular, ensuring efficient data exchange between frontend and backend.
* Designed and implemented **Kafka** messaging for seamless microservices communication.
* Developed and executed complex reports using **SSRS** and **ETL** packages with **SSIS** for data processing.
* Ensured secure communications via **OAuth** and client certificates, protecting sensitive healthcare data.
* Managed application deployments, troubleshooting, and fixes for **Azure**-hosted applications to ensure high availability and performance.
* Creating SQL objects like **Tables**, **Views**, User Defined **Functions**, Complex **Stored Procedures** and **Triggers**.
* Utilized **ADO.NET** for efficient data interaction with **SQL Server**, ensuring secure and performant database operations. Participated in daily scrum meetings and communicated with stakeholders to ensure project progress and clear requirement understanding.
* Experience on **Agile**, **Scrum** methodology to incorporate continuous business demand during development process.
* Used **TFS** version control for development and maintenance and then migrated to **GIT**.

## Client: US Bank | Charlotte, NC

**Application Developer | 09/2022 – 12/2023**

**Description:** Warehouse lending (WLS) is a loan processing system which process all the loans, checks different criteria’s in the application while processing the loan. I was responsible for developing and optimizing key modules, automating criteria validation with business logic.

## Responsibilities:

* Developed user interfaces for desktop applications using **.NET Windows Forms** and **Infragistics controls**, enabling responsive and intuitive data interactions for end users.
* Evaluated systems specifications for desktop application and implemented the most efficient software.
* Utilized a range of **Infragistics controls** for advanced data binding and display, streamlining data handling and improving user experience.
* Architected and developed the business logic layer for multi-threaded, n-tier enterprise applications using **VB.NET**, implementing **Object-Oriented Programming (OOP)** principles to ensure scalable, maintainable, and high-performance solutions.
* Implemented exporting functionality in the application using **epplus,** allowing users to export data to Excel in a user-friendly format, improving reporting capabilities.
* Stored and accessed data from JSON files programmatically using VB and LINQ to XML.
* Created several database objects such as **Stored Procedures, Views, Functions and Triggers** in SQL Server database.
* Generated server-side **PL/SQL** scripts for data manipulation and validation and materialized views for remote instances.
* Applied **LINQ** to SQL for seamless integration between C# objects and relational data, reducing the need for complex SQL queries.
* Implemented **Forms-based** Authentication to authenticate the users.
* Performed comprehensive **unit** and **integration testing**, identifying and resolving issues early in the development process, ensuring the stability and reliability of the application.
* Managed development phases such as design, implementation, testing, and maintenance in a structured

**Waterfall approach**, ensuring timely delivery.

* Utilized **SVN** for version control, ensuring the integrity of the codebase and facilitating efficient collaboration during the development and maintenance of the Windows application.

## Tata Consultancy Services (Client-United Airlines) | Hyderabad, India IT Analyst | 01/2022 - 07/2022

* Collaborated with cross-functional teams to gather and document business requirements, ensuring alignment with project goals.
* Enhanced the Ground Union Seniority System (GUSS) by developing modules using **ASP.NET MVC, HTML5, Angular 6**, and creating **SSRS reports**, increasing data accessibility by 30%.
* Developed business logic for managing healthcare workflows, including authorization approvals and claim adjudications, using **C#** and applying advanced **OOP principles** to streamline operations.
* Improved the Dependent Management System (DMS) and Alcohol and Drug Abatement Management System (ADAMS) by addressing system issues, which reduced errors and improved functionality, contributing to smoother operations.
* Built and consumed **RESTful APIs** with **.NET Core** and integrated them into the **Angular** frontend using

**HTTPClient** to manage data exchange.

* Managed deployments, performed troubleshooting, and applied fixes for **Azure-hosted applications**, ensuring high availability and performance.
* Participated in daily scrum meetings and communicated with stakeholders to ensure project progress and clear requirement understanding.

## Accenture Solutions Pvt Ltd | Hyderabad, India Application Development Analyst | 10/2021 - 12/2021

* Conducted requirements analysis and implemented enhancements for GPC Digital to address client needs, using

## .NET Core, AngularJS, HTML, and CSS.

* Assisted in the deployment process using **Azure DevOps**, contributing to efficient release cycles and improved team workflows.
* Collaborated with the team in an **Agile environment**, supporting development efforts and improving code quality through regular code reviews.

## Vertafore India Pvt Ltd | Hyderabad, India Software Engineer | 07/2018 - 09/2021

* Gathered and analyzed requirements for various modules in VUE Software, using **C#, ASP.NET MVC** to deliver custom solutions for clients.
* Managed database schema updates and created **SQL** objects such as **tables, stored procedures, triggers, and views** to optimize data access and manipulation, ensuring efficient and reliable communication between the back end and front-end systems.
* Utilized **HTML5, CSS3, and JavaScript** to build **dynamic, interactive web pages**, and enhanced user experience by adding modern web features using the **MVC Framework**.
* Built **RESTful services using Web API**, ensuring seamless communication between the client-side and server-side components.
* Developed the Transaction Process Automated Manager (TPAM) by identifying user needs, utilizing **Test Driven Development (TDD)** approach, and aligning technical specifications to business goals.
* Performed **Unit and Integration testing using NUnit and MOQ**, ensuring code reliability and minimizing defects before deployment.
* Utilized **TFS for version control**, ensuring robust tracking of changes and efficient collaboration during development and maintenance.
* Supported continuous improvement in product development, identifying key areas for optimization, which led to a 47% increase in feature delivery and a 72% reduction in customer-impacting issues.
* Worked in an **Agile/Scrum** setting, participating **in sprint planning, retrospective meetings**, and maintaining effective communication with stakeholders.
* Leveraged **SonarQube for code clean-up**, ensuring code quality and adherence to best practices.

## KOACHR | Hyderabad, India

**Software Developer – Intern | 05/2017 – 05/2018**

* Learned and worked with **ASP.NET MVC, VB.NET, C#, JavaScript, Web Forms** and **SQL** to develop dynamic web applications.
* Developed "Crack Aptitude", a website for online aptitude and reasoning learning, featuring interactive modules and real-time feedback.
* Assisted in the design and implementation of database solutions, optimizing data storage and retrieval for application performance.
* Collaborated with team members to enhance website functionality and improve user interface (UI) design for a better user experience.
* Gained hands-on experience in full-stack development, including both front-end and back-end technologies.
* Participated in weekly team meetings, providing insights on development progress and contributing to agile workflows.

# EDUCATION

## Master of Science in Software Engineering

Cleveland State University | Cleveland, Ohio, USA | 08/2022 - 05/2024 | GPA: 3.5

## Bachelor of Technology in Computer Science and Engineering

Rajiv Gandhi University of Knowledge Technologies | Basar, Telangana, India | 08/2014 - 05/2018 | GPA: 8.49

# ACADEMIC PROJECTS

* **PodScriptQA (Course: Software Engineering Project)**: An AI-powered tool for generating Questions and Answers based on podcasts. It enabled users to upload podcast audio and transcribe it to text. Implemented OpenAI’s GPT to answer user queries related to the podcast. Designed a user-friendly chat interface for submitting questions and receiving responses. Enhanced podcast accessibility and user engagement by providing precise answers to specific queries.

**Technologies Used**: Python, Jupyter Lab, Google Cloud Services, OpenAI, Flask and PyDub

* Online Shopping: Web application built using Java, MySQL, JDBC, JavaScript, HTML, and CSS.

# CERTIFICATIONS

* Introduction to .NET Core issued by Coursera.
* Python for Data Science, AI & Development issued by Coursera.