**Sri Akhila Kathari**

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**Professional Summary**:

* .**NET Lead** with experience of leading development teams in designing, developing and deploying complex enterprise-level applications.
* Expertise in developing both front-end and back-end applications (full stack) using .NET framework (**C#, VB**), .**NET Core,** **JavaScript**, **Angular**, **Azure** and **SQL** Server. Skilled in implementing responsive designs using **Bootstrap**, **HTML5**, and **CSS**, and proficient in database management and design.
* Proven ability to lead cross-functional teams, deliver scalable solutions and manage full **SDLC** in **Agile** environments.
* Strong problem-solving skills with a focus on delivering high-quality, robust and efficient applications.
* Excellent communication and presentation skills with ability to work in groups as wells as independently and adapt in changing technical environments with strong organizational and analytical skills.

**Certifications :**

Microsoft Certified Solutions Developer (MCSD)

Microsoft Certified Professional Developer (MCPD)

**Technical Skills:**

* **Language/Technology** .Net Framework 4.0/4.5/5.0, .NET Core, C#, VB.net, SQL server, Java
* **Web technologies** ASP.net, ADO.net, WCF, WPF, Web Services, MVC, Web forms, Razor View Engine, Bootstrap, HTML, XML, CSS, jQuery, JavaScript, Angular JS, Angular 5, Angular 12, Ajax
* **Databases** Microsoft Access, SQL Server 2008/2008 R2/2012, MySQL, Oracle DB
* **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), SVN, GIT
* **Third party controls** SyncFusion, DevExpress, and Infragistics
* **Tools** Postman, Fidler, Azure devops, 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), Test driven development (TDD)

**Professional Experience:**

**Client: CVS Pharmacy, MN May 2019 – Present**

**Role: Lead Developer**

**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:**

* Led a team of 6 developers to develop large-scale applications using .**NET Core** and **Angular 12,** and successfully led the upgrade from Angular version 5 to 12, resulting in improved performed, and user interface while ensuring quality code and timely delivery.
* 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 businesslogic for managing healthcare workflows, including authorization approvals and claim adjudications, using **C#** and applying advanced **OOP** principles to streamline operations.
* Programmatically stored and retrieved health care data from JSON files programmatically using C#, VB and LINQ to XML.
* Utilizing .NET framework for developing features like data binding, routing, custom filters, custom directives and HTTP services to make API calls and exchange data in JSON.
* Leveraged **ADO.NET** for secure SQL interactions, ensuring the efficient retrieval and storage of data critical for claims processing and authorization workflow.
* Built and consumed RESTful APIs with .NET Core and integrated them into the **Angular** frontend using **HTTPClient** to manage data exchange.
* Developed and implemented **Kafka** messaging to enable seamless communication between **microservices**.
* Written multiple batch jobs to be scheduled in **Active Batch**.
* Designed and developed complex reports using **SSRS** to provide insights to the clients and business teams.
* Developed ETL package using **SSIS** for extracting provider data from multiple resources and to transform and load the data to SQL database.
* Implemented secured communication with client APIs using **OAuth** and **Client certificate** to protect sensitive health care data while interacting with client APIs.
* Utilized **Authentication** and **Authorization** mechanisms to ensure secure user login and role-based access control.
* Managed deployments, performed troubleshooting, and applied fixes for **Azure-hosted** applications, ensuring high availability and performance.
* Creating SQL objects like **Tables**, **Views**, User Defined **Functions**, Complex **Stored** **Procedures** and **Triggers**.
* Integrated **Log4Net** for logging and monitoring application events, errors and performance metrics.
* Implemented **database** **logging** allowing historical log analysis and tracking for auditing and debugging purposes.
* Analysis of process through **Use-cases, User-stories**, function points to document and prototype it for handing different business scenario.
* Experience on **Agile**, **Scrum** methodology to incorporate continuous business demand during development process.
* Implementing Unit Test cases, Integration Testing and system Testing using **NUNIT**.
* Managing web servers and troubleshooting the .NET applications through advanced **IIS** **tracing** **techniques**.
* Used **TFS** version control for development and maintenance and then migrated to **GIT**.

**Environment:** .NET 4.8, .NET Core, Windows forms, HTML5, JavaScript, JQuery, AJAX, CSS, Angular 5, Angular 12, C#.NET, Web API, LINQ, Azure, Visual studio, SQL server, Agile, GIT and TFS.

**Client: Wells Fargo, Charlotte, NC Jul 2018 – Apr 2019**

**Role: Application Developer**

**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 Windowsapplication.
* **Environment:** .NET 4.6, Windows forms, Infragistics, VB, Web API, LINQ, SQL server, Visual studio, Epplus, Waterfall, SVN.

**Client: Wells Fargo, Charlotte, NC Sep 2016 to Jun 2018**

**Role: Application Developer**

**Description:** Limit Management System maintains the information of limit scenarios for different sources to check whether the market is at risk or not. I was responsible for developing and optimizing key modules that streamline the process of risk assessment.

**Responsibilities:**

* Developed user interfaces using **.NET Web Forms**, **custom and web controls**, along with **HTML5**, **JavaScript**, **jQuery**, **AngularJS**, **CSS**, and **DevExpress**, creating responsive and dynamic web applications.
* Improved and enhanced application layout by migrating from **Syncfusion to DevExpress**, leading to a more intuitive user interface and better performance.
* Designed and developed the front-end architecture using **AngularJS** and **Angular 2**, creating custom components and services to interact with RESTful APIs via **ODataStore** and **TypeScript**.
* Utilized **HTML5**, **CSS3**, and **JavaScript** to build dynamic, interactive web pages, and enhanced user experience by adding modern web features using the **MVC Framework**.
* Created Styles and Control Templates to be used in the UI using **WPF**.
* Designed, modeled and architected multi-threaded, enterprise n-tier software agent using Web API and **C#**.
* **Utilized LINQ** in **C#** to seamlessly query and manipulate data from **SQL databases**, while managing **JSON data**, improving application efficiency.
* Created several database objects such as **Stored Procedures and Triggers** in SQL Server database ensuring efficient data processing and integrity within application.
* Performed Unit and Integration testing using **NUnit** and **MOQ**, ensuring code reliability and minimizing defects before deployment.
* Emphasized detailed planning and risk management early in the **Waterfall cycle**, minimizing project delays and rework.
* Utilized **TFS** for version control, ensuring robust tracking of changes and efficient collaboration during development and maintenance.
* **Environment:** .NET 4.6, HTML5, JavaScript, JQuery, AJAX, CSS, DevExpress, C#.NET, VB, Web API, Angular2, LINQ, Bootstrap, SQL server, WCF services, WPF, Visual studio, Waterfall and TFS.

**Client: McKesson, Charlotte, NC Jan 2016 to Jul 2016**

**Role: Computer Systems Analyst**

**Description:** **Paragon Health System** is a web-based platform that manages medical and insurance data, streamlining workflows for healthcare practices. I was responsible for **developing and enhancing key modules**, including patient registration, appointment scheduling, patient demographics, and billing/payment management.

**Responsibilities:**

* Developed and updated key modules in the application for **patient scheduling**, **patient demographics**, and **billing information**, improving the functionality and user experience for healthcare providers.
* Utilized **Kendo UI and KnockoutJS** to build and enhance the **user interface**, creating dynamic, data-driven front-end components that allowed physicians to efficiently access and analyze patient information, appointments, and other critical details.
* Implemented **HTML5, JavaScript, and CSS to** design the views, scripting, and styles for the application, ensuring a responsive and user-friendly interface.Designed and developed the application using ASP.NET MVC.
* **Integrated Ajax** to enable partial page updates, improving application responsiveness and reducing server load by avoiding full-page reloads during user interactions.
* Used **Entity framework** database first approach for data operations.
* Built **RESTful services** using **Web API**, ensuring seamless communication between the client-side and server-side components.
* **JSON** is used for the data transfer between the client and the server and vice versa in the web services.
* Handled periodic exporting of SQL data into **ElasticSearch**, ensuring fast, scalable access to structured and unstructured healthcare data for analysis.
* 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.
* Developed automated test suites using **Selenium** and **NUnit**, ensuring consistent and reliable application functionality by automating test execution and improving test coverage across various modules.
* Implemented continuous integration and delivery using Jenkins.
* **Handled deployment and testing** of the application, ensuring smooth transitions from development to production environments.
* Participated in **Agile methodologies**, including daily scrums and weekly sprint planning, ensuring continuous collaboration and iterative development.
* Maintained and developed the application using **TFS** code repository.
* Created and maintained system **use cases, UML diagrams**, and **design use cases**.

**Environment:** .NET Framework 4.5, ASP.NET MVC 4, HTML5, Java Script, CSS, C#, VB, Microsoft SQL Server 2013, State management, IIS, CRM, Web API, Entity framework, TFS, DevExpress, Visual Studio, Agile, JSON, AJAX, UML diagrams.

**Client: United Health Group, MN May 2015 to Oct 2015**

**Role: .NET Developer**

**Description:** Worked on an application that is used to gather all the information regarding various mergers, acquisitions, from the merged and acquired users and used to store information regarding various mergers and acquisitions, then generate statistical reports based on different acquisitions.

**Responsibilities:**

* Analyzed business requirements and prepared detailed design documents, ensuring a clear understanding of project needs and alignment with stakeholder expectations.
* Engaged with customers to gather requirements through calls and meetings, translating business needs into technical specifications.
* Designed and developed application components following the **Software Development Life Cycle (SDLC)** to ensure structured development and timely delivery.
* **Developed the user interface** using **HTML**, **JavaScript**, **AngularJS**, **Kendo UI**, and **CSS**, creating a responsive and interactive experience for end users.
* Business logic was implemented using **C#**.
* **Utilized Facets** to enhance care management capabilities, automating processes and streamlining transactions to improve operational efficiency and overall business performance.
* Designed and developed data access layer using **Entity framework** code first approach.
* **Collaborated on database design**, creating tables and implementing **stored procedures** and **views** to optimize data retrieval and manipulation.
* **Increased query performance** through **SQL tuning**, optimizing database access and reducing response times for key operations.
* Designed Class diagrams, effective Use cases and sequence diagrams in **UML**.
* Performed Unit testing of the application and subsequently handled the debugging issues.
* Implemented device independent pixel, resource-based control using **WPF**.
* Involved in unit testing, integration testing and deployment of the application.
* Used **crystal reports** for maintenance.
* Involved in creating database using Oracle, PL/SQL and created stored procedures, user defined functions and views.
* Participated in daily Scrum meeting, bi-weekly Sprint planning and quarterly Epic designs, planning as a process of Agile methodology.
* For development and maintenance, TFS version control is used.

**Environment:** .NET Framework 4.5, ASP.NET MVC 4, SDLC, Automation testing, SQL tuning, FULL STACK, HTML5, Java Script, CSS, C#, VB.NET, Oracle, PL/SQL, Active Batch, SSRS, WPF, Web API, Unit testing, Entity framework, TFS, Visual studio, Agil, JSON, AJAX, n-unit testing, Crystal reports.

**Education:**

* Master in Computer Science, Louisiana Tech University, Louisiana USA 2015