SRINITHYA M

+1(913)-222-2755 | sree.sm.net@gmail.com | www.linkedin.com/in/srinithya-m

SUMMARY

- Over 10+ years of experience in software designing and developing Windows-based applications and Web-based applications using **.NET Core**, **MVC**, **ASP.NET**, **ADO.NET**, **C#**, and **SQL Server**.

- Proven ability to lead, manage project resources, interact with clients, coordinate, and work to achieve high levels of productivity and efficiency in complex, dynamic, and challenging environments.

- Experience in developing and deploying **Web Forms**, **Win Forms**, and **Web service** applications extensively.

- Expert in **.NET C#** and **ASP.NET** (**WebForms / MVC**) with a strong focus on creating efficient and maintainable code.

- Extensive experience with **MS SQL Server**, including **T-SQL** and stored procedures.

- Excellent experience in writing directives, services, and controllers using **Angular**.

- Designed and implemented interactive web applications using **JavaScript**, enhancing user experience and engagement.

- Utilized **JavaScript frameworks React and Angular** to build responsive and dynamic front-end interfaces.

- As a member of a **scrum team**, partnered with colleagues to build and test web applications.

- Proficient in using **Fiddler** to debug and analyze network traffic, identifying performance bottlenecks, and troubleshooting issues.

- Experienced in using **SonarQube** for code quality analysis, identifying and addressing code smells, bugs, and security vulnerabilities.

- Experience working with **JIRA** and **Rally** for User Story tracking, issue tracking, and bug fixing.

- Hands-on Experience in using wireframes and **Jasmine testing** and creating single-page applications using **Angular**.

- Applied strong analytical skills to identify issues, optimize performance, and make data-driven decisions for continuous improvement.

- Proficient in managing **Azure Virtual Machines**, **Virtual Networks**, and **Storage Accounts**.

- Experienced in configuring and optimizing **Azure resources** for performance and cost-efficiency.

- Skilled in implementing **Azure Resource Manager (ARM)** templates for infrastructure as code (**IaC**) deployments.

- Proficient in **React Hooks** for managing component state and lifecycle methods, improving code readability and performance.

- Have a good understanding and knowledge of **GIT** concepts.

- Experience in developing **Microservices** using **ASP.NET core**.

- Experience in handling databases like **MySQL** and **NoSQL** databases like **MongoDB**.

- Maintained states in the stores and dispatched the actions using **redux**.

- Utilized **.NET technologies** such as **ASP.NET MVC** and **Web API** to build robust backend systems, while integrating client-side functionality with **JavaScript frameworks** like **React.js** and **AngularJS**.

- Designed and developed **RESTful APIs** using **.NET Core** and **.NET Framework**, enabling seamless communication between server and client applications. Utilized **JavaScript** and **AJAX calls** to consume these APIs and dynamically update web pages.

- Leveraged **HTML**, **CSS**, **JavaScript**, and **jQuery** to create responsive and intuitive user interfaces for web applications. Integrated client-side validation and asynchronous data loading to optimize performance and user experience.
- Specialized in developing responsive and user-friendly web applications with a focus on usability and accessibility, adhering to industry best practices and design patterns.
- Worked on Database design and development and experience in writing SQL queries, **Views**, **Triggers**, **Stored Procedures**, **Cursors**, and **Joins** in **SQL Server**, **Oracle**, and **MS Access**.

TECHNICAL SKILLS

Programming Languages C#.NET, VB.NET, ASP.NET, JavaScript, T-SQL, XML, AJAX, HTML, CSS, TypeScript, DAX
Framework .NET 8.0.3/8/7.0.17/7, 6.0.28/6, Angular 14/12/10, React
Databases MS Access, MS SQL Server 2012/2017/2019/2022, PostgreSQL, NO-SQL, Mongo DB
Database Access Technologies Entity Framework, LINQ, ADO.NET
Operating Systems Windows, Linux, MAC, Unix.
Technologies WPF, WCF, Web services.
Applications Visual Studio, Visual Studio code
Testing Tools Jasmine, Karma, SonarQube, Postman, Fiddler
Reporting Tools JIRA, Rally, PowerBI, SSIS SSRS, Confluence.
Browsers Internet Explorer, Chrome, Firefox.
Others MS Office, All Software Configuration and Installation, Hardware Configuration and Installation, Computer troubleshooting.

EDUCATION

Sreenidhi Institute of Science and Technology

Bachelor's in Computer Science   *May 2014*

EXPERIENCE

Senior .Net Full-stack developer   July 2022 – Present
Cepheid   *Sunnyvale, CA*

- ∗ Participated in different phases of the **SDLC** including analysis and preparation of design documents about client requirements, development, and testing.
- ∗ Involved in the modifications and improvements included in **.NET Core 7 and 8**, such as performance upgrades, new features, and tooling improvements.
- ∗ Actively participated in **agile ceremonies** such as **sprint planning**, **daily stand-ups**, and **retrospective meetings**.
- ∗ Design, develop, and maintain **supply chain management software** using the **.NET framework**.
- ∗ Led a team of developers, providing mentorship, **code reviews**, and guidance to ensure adherence to best practices and coding standards.
- ∗ Managed end-to-end project lifecycle, including **requirement gathering**, planning, execution, and delivery.
- ∗ Created interactive and visually compelling **Power BI reports** and **dashboards**, utilizing **M** and **DAX** languages for data manipulation and reporting.
- ∗ Developed **ETL processes** using **SSIS** for seamless data integration and transformation across various data sources.
- ∗ Designed and implemented robust middleware solutions using **ASP.NET Core middleware components** to handle cross-cutting concerns such as **logging**, **authentication**, and **authorization**.
- ∗ Integrated **TypeScript** with **React** and **Angular** to build dynamic and responsive user interfaces.
- ∗ Conduct thorough testing of **APIs** using tools like **Postman** to ensure functionality, reliability, and security.
- ∗ Designed and developed **microservices-based architecture**, enabling modular and scalable application development.

* Created and maintained **RESTful APIs** using **ASP.NET Core**, facilitating seamless communication between different services and applications.
* Utilized **Docker** to containerize applications, ensuring consistent environments and simplifying deployment processes.
* Developed responsive and user-friendly interfaces using **React**, ensuring seamless user experience and interaction.
* Conduct **code reviews** and analysis using tools like **SonarQube** to identify and fix code smells, vulnerabilities, and technical debt.
* Create and manage **API documentation** using tools like **Swagger/OpenAPI**.
* Utilized **Blazor components** to create reusable **UI elements** and enhance development efficiency.
* Implemented both **server-side** and **client-side Blazor applications** depending on project requirements.
* Architected and implemented comprehensive middleware solutions to manage cross-cutting concerns such as **logging**, **authentication**, and **request validation** in large-scale **.NET applications**.
* Created and managed **Docker images** and **containers** to ensure consistency and reliability in application deployment.
* Used **ASP.NET validation controls** for validating the information provided by the user and implemented **input validation** using the **ASP.NET Input Validation Controls**.
* Created custom web forms using **Angular form builder** and implemented **client-side validation** using **Angular Built-in** and **Custom Validators**.
* Utilized **GitHub** for version control to manage codebase changes, enabling collaboration with other developers.
* Enhanced application performance by creating middleware for **caching strategies**, **load balancing**, and efficient resource management.
* Implemented **release management processes** with **Azure Pipelines** for automated deployments.
* Creation of reusable **UI components** that present data that changes over time and development of a **single-page app** using **Angular**.
* Worked closely with the **QA team** to ensure the Quality of the Delivery.
* Extensively involved in coding with **Angular** and **TypeScript** to add functionalities and effects like **Accordion**, **Infinite Scroll bar**, **Slider bar**, **Draggle/Droppable**, **Resizable**, and **Progress bar**.

Environment: SQL Server 2019/2022, Angular 14, MVC, Bootstrap, HTML5, CSS3, JQuery, Kendo UI, .NET Core 6, .NET Framework, ASP.NET MVC, C#.NET, Visual Studio

Full-stack developer   May 2020 - June 2022
Bank of America   *Charlotte, NC*

- Interacted with the **Business users** in understanding and gathering **business requirements** and **Designing** of project.
- Implemented middleware for securing **.NET applications**, including **JWT token validation**, **OAuth2 authentication**, and **custom authentication handlers**.
- Involved in all phases of the **application development** from **business requirements analysis**, **design**, **development**, and **testing** of the application.
- Developed reusable **React components** to enhance code modularity and maintainability.
- Leveraged **TypeScript** to enhance code quality and maintainability in various web applications.
- Actively participated in **Agile ceremonies** (**sprint planning**, **daily stand-ups**, **retrospectives**) to foster collaboration and continuous improvement.
- Collaborated with **cross-functional teams** to deliver high-quality software increments in iterative cycles.
- Developed custom middleware components to integrate **third-party services**, optimize request/response processing, and enhance application performance.

- Configured **Kubernetes manifests**, including **deployments**, **services**, and **ConfigMaps**, to orchestrate complex **microservice environments**.
- Managed **databases on AWS**, including setup, configuration, and performance tuning of **Amazon RDS** (**Relational Database Service**) instances.
- Containerized **.NET applications** using **Docker**, facilitating seamless deployment and scaling across various environments.
- Integrated **third-party libraries** and **APIs** into **React applications** to extend functionality.
- Create, develop, and maintain **web applications** using **Blazor components** from the **.NET environment**.
- Skilled in leveraging **Fiddler** and **Postman** for automated **API testing**, reducing manual testing effort and improving test coverage.
- Worked with **Angular** to build modular and maintainable **front-end applications** when required, demonstrating flexibility with different frameworks.
- Managed **Docker orchestration** with **Kubernetes** for automated deployment, scaling, and management of containerized applications.
- Ensured **API security** and performance through best practices and regular optimization.
- Developed **RESTful APIs** using technologies like **Node.js** and **Express.js**, ensuring seamless integration between **front-end** and **back-end systems**.
- Integrated **PostgreSQL** with other systems using tools like **ETL** (**Extract, Transform, Load**) processes and **APIs**.
- Worked on **React/Redux** reusable components and services to consume **REST APIs** using **Component-based architecture** provided by **React**.
- Created **React JS components** using **JSX** and **Virtual DOM** followed **Redux Architecture** for unidirectional data flow and managed the data in **React**.
- Experience in **React.js** for creating interactive **UI** using **One-way data flow**, **Virtual DOM**, **JSX**, and **React Native** concepts.
- Integrated **third-party libraries** and **APIs** into **React applications** to extend functionality and improve efficiency.
- Implemented **unit tests** using **Jest** and **Enzyme** to ensure the reliability and stability of **React components** and features.

Environment: Visual Studio 2019, .Net framework 5.0, Bootstrap, HTML5, CSS3, React, JavaScript, Node.js, ASP.NET MVC, ASP.NET Web Forms, PostgreSQL, SSIS (SQL Server Integration Services), Karma, Jasmine, Protractor, C#.Net

.Net Developer April 2019- April 2020
Southwest Airlines *Georgetown, TX*

- Worked in **Agile Methodologies** for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.
- Worked closely with the client for **requirement gathering** and **analysis** and providing the desired solution to the client within time limits.
- Optimized **AWS resources** to minimize costs while ensuring performance and scalability.
- Involved in the implementation of **Object Oriented Concepts** during the development.
- Designed and developed web pages using **HTML** and **CSS**, maintained the code behind using **ASP.NET** with **C#.NET**, and maintained the client-side functionality using **JavaScript** and **jQuery**.
- Developed a responsive **Single Page Application (SPA)** by using **Angular 8**.

- Implemented and practiced **Agile Scrum methodology** for project development.

- Redesigned the Web Pages using **HTML 5**, **JavaScript**, **Bootstrap 4.0**, **CSS 3**, **C#.NET**, **ASP.NET** and **jQuery**, **Jasmine**, **Karma**, and **Angular JS** for new interactive features.

- Developed middleware for **API gateway** to handle request routing, response aggregation, and API policy enforcement, improving API management.

- Worked on **Angular-CLI** to generate components, routes, services, and pipes and to run tests.

- Developed **windows application/services** using **C#.Net**, **WPF**, **WCF**.

- Designed **WPF Forms**, **Custom Controls**, and **User Controls** using **XAML language** for interactive UI.

- Consumed **JSON data** in **Angular Service** and returned **JSON data** from **.NET Core**.

- Develop **REST APIs & Microservices** using **Node Js**.

- Implemented **API gateway middleware** to route requests, aggregate responses, and enforce **API policies**, streamlining API management and security.

- Proficient in managing end-to-end development processes, from **requirement gathering** to **deployment** and **maintenance**.

- Created/Updated **database objects** like tables, views, stored procedures, and user-defined functions using **Oracle Database**.

- Used **Validation Controls**. Created various **User Controls** for the application.

- Migrated the data from an existing **MS Access database** into an enterprise edition of **SQL Server 2017**.

- Responsible for **Web Portal design**, enhancements, configuration, and development activities.

- Designed and developed **Microsoft .NET projects** using **Agile methodologies** and **MVC framework**.

- Testing, Debugging, and Tracing the application for errors, **Documentation**, and **maintenance** of the program.

Environment: Visual Studio 2017, **.Net core 2.2**, **MVC**, **C#.Net**, **.NET Core**, **Angular**, **HTML5**, **CSS3**, **ASP.NET Web API 2.0**, **OAuth 2.0**, **MVC**

.Net Developer   April 2019- April 2020

Accenture   *Hyderabad, India*

- Responsible for **gathering requirements** and involved in the **analysis** and **design** of the system based on **n-tier architecture**.

- Used **jQuery** to create various **Dialog Boxes**, load **JSON data** in **JQ Grid**, and selectors to validate different screens.

- Implement agile **scrum methodology** in application development.

- Developed controllers to populate the **view models** using **LINQ queries** and **Lambda expression**, invoked the views, and controlled the flow through the application.

- Performed automated **unit testing** on the application. Actively involved in **documentation**, **test plans**, **test cases**, **testing**, and **reviews**.

- Developed centralized **error handling middleware** to catch and log exceptions, improving application stability and simplifying debugging processes.

- Experience in creating **Azure Logic Apps**, **Azure Functions** with **Cognitive Services**, **API Management**, **Continuous Integration**, and **Service Bus**.

- Developed multiple **Azure functions** that run as a **Cron job**, which will process data from **Azure SQL DB** and **Azure Cosmos Database** and produce **.csv files** for internal clients.

- Experienced in leveraging **Azure storage** and messaging services such as **Service Bus Topics**, **Event Hubs**, **Azure Blob and Table Storage**, **Azure SQL**, and **Azure Cosmos Database**.

- Developing projects in **Azure Data Warehouse** by using **Azure Data Factory**.

- Used **Azure logic apps** to connect legacy, modern, and cutting-edge systems more easily and quickly by providing **prebuilt APIs**.

- As a part of the development team involved in **deployments** of applications with **Azure DevOps CI/CD Pipeline** structures.

- Developed extensible, robust **ASP.NET Core MVC Web Applications** in **ASP.NET Core 2.0/3.0** using **C#**, **.NET**, **ASP.NET**, **HTML5**, **CSS**, **JavaScript**, **JSON**, **XML**, **JQuery**, **Bootstrap**, and **AJAX** including **ASP.NET Core Identity** for **Login Security** and **Data annotations** for the **Data validation**.

- Created **stored procedures** for **Master forms** using **T-SQL** for accessing and manipulating the data in **SQL Server 2012**.

- Developed web pages using **C#**, **ASP.NET** and **Visual Studio 2013**.

- Created automated **T-SQL scripts** to process summary database transactions that run off-hours.

- Wrote complex **T-SQL queries** to get data from different sources and test results with expected results.

- Created logical and physical **database design**, and **data structures** and maintained them by using **SQL tools** like **Stored Procedures**, **User Defined Functions**, **Views**, and **T-SQL Scripting** for complex business logic.

- Developed screens in **ASP.NET AJAX-Enabled**, **C#**, and **ADO.NET** to display.

Environment: Visual Studio 2013, **SQL Server 2012**, **HTML5**, **CSS**, **JavaScript**, **jQuery**, **AJAX**, **Bootstrap**, **C#**, **ASP.NET Core MVC**, **LINQ**, **T-SQL**, **JSON**, **XML**