**Name:** **Maha Lakshmi Soumya Yalavarthi**

**Senior Full Stack .Net Developer**

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**Professional Summary:**

* Over 10+ years of software development experience in design, development, integration and implementation of web applications using Microsoft .Net Technologies.
* Developed N-Tier (including business and data tier) applications. Well versed with Back end, Middle tier and front end.
* Used Microsoft Entity Framework Code First approach for the Data Access Layer for the ASP.NET MVC application.
* Worked on .Net Framework with good exposure on Foundation Classes (WCF).
* Highly experienced in developing UI applications and Web applications using HTML/HTML5, XHTML, CSS/CSS3, Bootstrap, Media Queries, JavaScript, React Js and Angular Js.
* Extensively used JavaScript for client-side validations.
* Involved in developing complex queries, Stored Procedures, triggers and cursors using SQL Server 2017/2015/2014.
* Worked on XML, XSLT, XPATH, HTML, DHTML, CSS, jQuery.
* Experience in Health Insurance Portability and Accountability Act (HIPAA) protects the privacy and security of personal health information (PHI). Any healthcare organization that stores, processes.
* Worked on Rest Services and Web API
* Experienced in React JS and working with React Flux architecture.
* Extensive knowledge in JavaScript, React JS, jQuery, jQuery UI, Ajax, Type ahead, Data Table, Typescript, client-side framework using Angular 2/4/8/12/14 and server-side framework using ASP.NET.
* Worked on AWS data migration tools and technologies like S3, Storage Gateway
* Getting on calls with Microsoft Azure Virtual Machine partners to help resolve any complex issues.
* Good experience in LINQ and ADO.NET Entity Data Model Framework.
* Used SQL Server Integration Services (SSIS) in reporting and analysis with the .net environment.
* Involve in designing and developing complex user interfaces (GUI) using ASP.NET and MVC.
* Excellent knowledge in Object Oriented analysis and design (OOAD), Agile Development Methodology and Model-View-Controller Architectures (MVC).
* Highly Knowledgeable in ASP.NET MVC 6.2 in implementing Model, View and Controllers with State Management, Security, Action methods etc.
* Experience in using Configuration Management tools like Visual Source Safe (VSS), SVN, Team Foundation Server (TFS), Git hub.

**Technical Skills:**

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| .NET Technologies | ASP.NET, .Net Core, ADO.NET, Web Service, AJAX, WPF, WCF, MVC and LINQ, Azure, AWS. |
| Languages | C, C++, Visual Basic 5.0/6.0, C#, VB.NET, T-SQL, PL/SQL. |
| Frameworks | . NET Framework 6.2/4.54.0/3.5 |
| RDBMS | SQL Server 2017/2015/2014/2012, MS Access. |
| IDE | Visual Studio 2017/2015/2014/2012/2010, Microsoft Visio |
| Servers | IIS 6.0/7.0. |
| Internet Technologies | Java Script, Angular 2/4/8/12/14, AJAX, React.Js, Query, XML, XSLT, HTML, CSS, Web Services, WSDL/SOAP, AJAX  Services, WSDL/SOAP, AJAX  Services, WSDL/SOAP, AJAX |
| Interface Tools | Telluric, Devi Controls. |
| Version Control Tools | Visual Source Safe (VSS), TFS, Tortoises, GIT |
| Reporting Tools | SQL Server Reporting Services (SSRS), Crystal Reports 8.5/9 |
| Operating System | Windows 7/Vista/2003/XP/2000/98, Windows Server 2008/2003, Linux. |
| Modeling Tools | UML, Visio |

**Certifications:**

* Microsoft Certified: .NET Fundamentals
* Microsoft Certified: Data Analyst Associate
* Python Programming
* Full Stack Data Science
* Robocorp Automation Developer - Levels 1, 2 and 3
* Robocorp Automation Ops Analyst

**Professional Experience:**

**Client: Express Scripts, St. Louis, MO Jan 2023 -Present**

**Role: Senior Full Stack .Net Developer**

**Responsibilities:**

* Responsible for gathering the requirements from the client and determine the feasibility and approach to build a solution for the requirement.
* Design and develop models analytics tools using ASP.NET, HTML5, CSS3, JavaScript, C#.NET and GIT.
* Design the user interfaces using Web Server Controls which are built on ASP.NET Server Controls and used Angular 14 Framework for front end development.
* Developed powerful Single Page Application and dynamic responsive Web Application with Angular 14.
* Used jQuery, ASP.NET, AJAX toolkit controls, CSS to enhance performance and richness to the user interface.
* Used ASP.NET MVC to add functionality to individual pages such as to accept input from the page request, invoke the requested actions on the controller.
* Utilized LINQ to perform efficient and expressive queries on various data sources, enhancing data manipulation and retrieval within the application.
* Leveraged N-Tier Architecture to achieve improved performance, code reusability, and a clear separation of responsibilities within the application.
* Generating domain models and auto generated database objects. Designed and developed an application using Model View Controller (MVC) application framework.
* Used .Net Core build in libraries, CoreCLR runtime, compilers, and the tools used to fetch NuGet packages.
* Collaborated with backend teams to integrate Vue.js-powered frontend interfaces with .NET Core APIs, achieving consistent data flow and responsive interactions.
* Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL and PL/SQL.
* Utilized Azure App Services for hosting and deploying web applications, ensuring high availability and seamless scalability.
* Employed Azure DevOps for continuous integration and continuous deployment (CI/CD) pipelines, automating the software development lifecycle.
* Implemented and optimized T-SQL queries and scripts in Microsoft SQL Server 2019**,** ensuring efficient data retrieval, manipulation, and storage within the database.
* Design and Implement Data Access Layer using ADO.NET to connect, retrieve and manipulate database information.
* Utilized SSRS for report parameterization, allowing users to customize and filter data according to their specific requirements.
* Maintains source code using GIT version control management tool for efficient collaboration within the team.
* Contributed to the adoption of AGILE and SCRUMmethodologies for iterative and adaptive development.

**Environment:** C#, ASP.NET, .Net Core, .Net Framework 6.2, SQL 2017, Web API, SQL Server Integration Services (SSIS), SQL server Reporting Services (SSRS), Visual Studio2019, MVC, Web services, OOP, HTML, CSS, Java Script, Angular 14, Bootstrap, AJAX, and jQuery, ODP.NET, N-Tier Architecture, Agile, SCRUM.

**Client: Fanniemae, Plano, TX Apr 2020 – Dec 2022**

**Role: Senior Full Stack .Net Developer**

**Responsibilities**

* Designed web forms using ASP.Net, developed different .NET assemblies. And used ASP.Net Core for building cross platform web applications.
* Worked on ASP. NET MVC Grid Controls that include Grid-View and Repeater and user controls for reusable components in the application.
* Created interactive UI's using React JS One-way data flow, Virtual DOM, JSX, and React Native concepts.
* Designed and implemented complex UI workflows and user interactions using React.js and Redux, ensuring a smooth and intuitive user experience.
* Utilized ASP.NET core and react to communication to backend SQL databases with entity framework core to create flexible services that can be consumed by non-virtual advising services.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by angular 12.
* Implemented JWT token-based authentication to secure the ASP.NET Core Web API and provided authorization to different users.
* Designed and implemented scalable and secured cloud solutions on the AWS platform, leveraging C# and the .Net Framework.
* Used serialization in C#. NET coding to serialize and de-serialize XML to objects and vice versa.
* Writing unit tests and integration tests to ensure the functionality of the Vue.js components and the ASP.NET Core API.
* Developing the API layer using ASP.NET Core, implementing business logic, handling user authentication and authorization, integrating with payment gateways, and ensuring data security.
* Used WCF services for communicating with other applications and components.
* Added Entity Framework data models for our Web API restful service along with the appropriate controllers.
* Implemented the Tableau user group and security configuration and server security setup.
* Worked on ITIL, JIRA, Service Now, and Remedy ticket management system. Developed Data warehouse SSAS Application which includes creating cubes, Design XMLA Scripts to create partition, processing of measure groups and Dimensions. Scheduling the SSAS Objects.
* Develop Cubes, Dimensions, Hierarchies, Calculations, Aggregations, Security Profiles, Mining Models, Perspective and other features of SSAS OLAP environment that meet the requirements of business.
* Developed Restful Services using Web API core and writing interoperable and reusable services using WCF and Web API.
* Fixing and optimizing ASP. Net web pages using C#. Net and SQL Server 2014 stored procedures, Functions, and associating fixes.
* Involved in development of SSRS projects with SQL Server Data Tools using VB. NET,
* Involved in development of SSIS packages for ETL with SSDT using C#. NET.
* Implemented and maintained branching strategies in Git, allowing for parallel development efforts, feature isolation, and streamlined release management for increased development agility.

**Environment:** C#, Vb.Net, ASP.NET, .Net Core, TDD, SQL 2014, SQL Server Integration Services (SSIS), SQL server Reporting Services (SSRS), LINQ, Visual Studio2017, Azure, MVC, AWS, XML, OOP, REST, HTML 5, React JS, Web API, N-Tier Architecture, TFS, Git.

**Client: State of Michigan, Lansing, MI Jun 2018 – Mar 2020**

**Role: Senior Full Stack .Net Developer**

**Responsibilities:**

* Closely worked with the offshore team to coordinate development efforts for various high impact modules.
* Created Single Page Application (SPA) using Angular 8 framework for binding data to specific views and synchronize data with server.
* Designed and developed Web pages using ASP.NET, C#, HTML, JavaScript, CSS and Server controls.
* Strong understanding in Object Oriented programming and the ability to develop and support applications in C#/.NET.
* Implemented Web API application using .NET Core 2/3 using C# with Dependency Injection and Web API controllers and methods, handled logging and error handling using Log4Net.
* Developed dynamic responsive Web Application by integrating Angular 8 with Bootstrap which is further integrated with Web Services and Vue.js.
* Developed ASP.NET Core Web API based on departmental requirements and specifications.
* Implemented Data Access Layer to communicate with the SQL Server 2012 Database through Entity Framework 6.1 Data First approach with LINQ and wrote Stored Procedures, Triggers and SQL Queries and LINQ in SQL Server 2015.
* Used ASP.Net Core for building cloud-based applications.
* Used REST client / POSTMAN to check the response of various API's, Swagger UI as a visual documentation for back-end implementation and client-side consumption.
* Implemented Azure Application Insights to store user activities and error logging.
* Experience Microsoft Azure date storage and Azure Data Factory, Data Lake.
* Involved in developing the Azure Solution and Services like IaaS and PaaS.
* Azure SQL database management, App service and service bus handling.
* Azure DevOps includes features for collaboration, such as work item tracking, Kanban boards, and integrated discussions.

**Environment:** C#, ASP.NET, .Net Core, TDD, .Net Framework 4.5/4. 0, SQL 2015, Visual Studio2015, AZURE, HTML 5, REST API’s, Angular 8, Web API, N-Tier Architecture, Azure, Agile, SCRUM.

**Client: Albertsons, Pleasanton, CA Feb 2016 – May 2018**

**Role: .Net Developer**

**Responsibilities:**

* Designed and developed the user interfaces of the application using ASP.NET, HTML Controls, XHTML, AJAX, Java Script and CSS, Win Forms using C#.
* **Re-designed the main website to improve user experience and add new functionalities using Angular 4 and** migrated an application developed in Angular 2 to Angular 4.
* **Worked with Angular 4 to build UI components for developing Single Page Applications (SPAs).**
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular 2.
* Implemented Messaging Application for Automatic Processing of email messages to the sales representatives automatically using WCF.
* Developed the server-side code using ASP.NET, VB.Net and client-side code using Java Script with Visual Studio IDE.
* Implemented Azure Storage, Azure SQL Azure Services and developing Azure Web role.
* Leveraged Azure Cloud Services to deploy and host web applications, ensuring scalability and reliability.
* Implemented secure and scalable solutions using Azure Active Directory (AAD) for authentication and authorization.
* Designing and developing Web forms using VB.NET
* Extensive development of ASP.NET UI pages using Master pages, AJAX, client, server and custom controls for manipulating and displaying data on the Webpages.
* Used Node.js, Angular 4, backbone.js and Require.js MVC Frameworks in the development of web applications.
* Utilized ADO.NET technology extensively for data retrieving, querying, storage and manipulation.
* Involved in optimization of database queries, made extensive use of query execution plan, SQL server profiler, index tuning wizard tools in SQL server 2014

**Client: Techno Soft, Hyderabad, IN Sep 2013 – Sep 2015**

**Role: .NET Developer**

**Responsibilities:**

* Developed heavy traffic web application with the ASP.NET (C#.NET, ADO.NET).
* Created and consumed web services & WCF Services to generating a label.
* Developing UI through JavaScript and jQuery for various Applications.
* Involved in the implementation of various structured modules for the application using C#, ASP.NET, ADO.NET, Web Services, SQL Server etc.
* Enhanced user experience and interactivity by incorporating JavaScript, Angular and AJAX for dynamic and real-time updates in web applications.
* Executed efficient database operations using Query languages, ensuring optimal performance and data retrieval from the SQL Server database.
* Collaborated with cross-functional teams and utilized Team Foundation Server (TFS) for version control, collaboration, and project management.