**Suresh M**

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| **SUMMARY:** |  |

* Senior .NET Full Stack Developer with over 14 years of experience in developing multi-tier, database-driven, client-server, and web applications using **Object-Oriented Analysis** and **Design (OOP)** methodologies.
* Comprehensive exposure to the full **Software Development Life Cycle (SDLC)**, from initial requirements analysis through development, testing, and deployment.
* Experienced in leading teams as a Full Stack Lead Developer.
* Extensive experience in developing web applications using **Visual Studio 2015/2017/2022**, **.NET Framework 4.7/4.8/4.8.1**, employing **ASP.NET**, **C#.NET**, **VB.NET**, **Web Api**, **ADO.NET**, **SQL Server 2012/2019**, **JavaScript**, **VBScript**, and **AJAX**.
* Applied the **Model-View-Controller (MVC)** pattern in developing the presentation layer to ensure separation of user interface logic from business logic.
* Expert in developing large-scale applications using the **.NET** framework, focusing on performance, scalability, security, and extensibility.
* Familiar with newly introduced features in **.NET 8** and later versions, including advancements in **Web API**.
* Experience in Designing and development solutions using Microsoft Technologies, including **.NET Framework, .NET CORE, (Asp.Net), C#, (Asp.Net), WCF, Web/REST Services, Entity Framework, LINQ, AJAX, HTML, JavaScript, jQuery, IIS 10.0, MS SQL Server,** and **AWS Cloud Services**.
* Developed user interfaces using **ReactJS**, **AJAX**, **jQuery**, **JavaScript**, **HTML**, **CSS**, **JSON**, and **Bootstrap**, applying software development methodologies such as **SOLID principles** and design patterns.
* Responsible for maintaining version control of source code using **GitHub**, **Tortoise SVN** and **TFS**.
* Experience in developing Stored procedures, SQL Types, Functions, and Triggers to ensure data integrity using **T-SQL** and **PL/SQL**.
* Proficient in web UI technologies including **React Js,** **HTML**, **jQuery** and **JavaScript**.
* Expertise in utilizing **ADO.NET** objects such as **SQL Connection**, **Data Command**, **Data Reader**, **Dataset**, and **Data Adapter** to design the data access layer.
* Experience with **SQL Server Reporting Services (SSRS)** and **SQL Server Integration Services (SSIS)**, adept at creating and scheduling SQL jobs with error handling methodologies.
* Experienced in lift-and-shift migrations, data migration, application consolidation, and divestiture projects.

**EDUCATION & CERTIFICATION**

* Masters in Computer Applications (MCA) – 2008 Bharathidasan University, Tamil Nadu.
* Bachelors of Business Management with Computer Application (BBM CA) – 2005 Bharathiyar University, Tamil Nadu.
* **Microsoft Certified:** Azure Fundamentals

**TECHNICAL SKILLS:**

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| **Programming Languages** | C#, VB.NET, XML, PL/SQL, HTML, JavaScript |
| **Microsoft Technologies** | .NET (3.5/4.0/4.7/.Net Core/6/8), ASP.NET, ADO.NET, Web APIWCF, SharePoint, Azure, LINQ |
| **Web Designing** | HTML5, JavaScript, jQuery, Ajax, CSS3, Bootstrap, Blazor, ReactJS, Kendo UI, ExtJS |
| **Databases** | SQL Server (2012 R2/2019), MS Access, T-SQL, PL/SQL, ODBC, SSIS, SSRS, SQL Server Management Studio, Stored Procedures, Triggers, SQL Types, User-Defined Functions |
| **Development & Modeling Tools** | Visual Studio .NET (2015/2017/2022), Design Patterns, MVC |
| **Version Control Tools** | GitHub, Tortoise SVN and Team Foundation Server (TFS), Team Forge |
| **Operating Systems** | Windows 7/10/11, Windows Server 2016/2019 |
| **XML Technologies** | XML, XHTML, XPath, SOAP, Web Services, REST |
| **DWH Tools & Application Servers** | SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS), IIS 10.0 |
| **Methodologies** | Waterfall, Agile, Scrum |

**PROFESSIONAL EXPERIENCE:**

**Wells Fargo International Solutions Pvt Ltd (Direct Client) Jul 2018 – Mar 2025**

**Lead Software Engineer Responsibilities:**

* Designed and developed web applications utilizing modern technologies such as **.NET Core**, **C#**, **ASP.NET Core**, **Entity Framework**.
* Developed and maintained web applications using **React.js, Redux, .Net Core Web Api**
* Led the design and development of applications using the **ASP.Net MVC** alongside **HTML5, jQuery**, **Ajax, JavaScript, CSS3, Bootstrap.**
* Implemented user authentication and authorization using **OAuth2.0** and **.NET Core Filters** to prioritize security.
* Configured **Azure** **SQL**, Azure storage accounts, and containers for efficient data and file management.
* Used Azure Portal for secret keys and key vaults.
* Deployed Function Apps and Azure Web Jobs to manage scheduled jobs.
* Authored complex stored procedures, functions, sql types, triggers, SQL queries, and views using **SQL Server**, showcasing database management skills.
* Developed applications using **C#** as the primary programming language, leveraging **ASP.NET**, **REST API**, and **Entity Framework**.
* Developed and consumed RESTful APIs in .NET to enable efficient data exchange between the server and React Js frontend.
* Managed and expanded **AWS S3** infrastructure, utilizing **AWS** services such as **SNS** and **SQS**.
* Involved in the complete application stack on **Amazon Web Services (AWS)**, including **EC2** and **S3 Bucket**.
* Utilized **GitHub** for version control and team collaboration.
* Designed efficient databases, authored complex T-SQL queries, optimized performance, and implemented ETL processes using **SSIS** and created **SSRS** reports based on business logic.
* Established CI/CD pipelines using Jenkins and Urban code deploy to automate build, testing, and deployment processes, improving delivery speed and code quality.
* Lead the team for successful Nunit & Xunit test setup for the legacy code.
* Followed an agile development lifecycle, utilizing the sprint method with two-week iterations.
* Actively participated in **scrum** meetings (daily stand-ups, sprint planning, and retrospectives) to ensure alignment and progress on project goals.
* Developed applications using **ASP.NET MVC**, ensuring a structured approach to application design.

**Environment:** ASP.NET Core, Entity Framework, REST Services, React Js, HTML5, CSS3, TypeScript, JavaScript, Bootstrap3, Node.js, NPM, AWS S3, Kubernetes, OAuth, SQL Server, SNS, SQS, EC2, NUnit, XUnit, GitHub, Jenkins, C# ASP.Net, MVC, Blazor, SSIS, ETL, SSRS, jQuery, AJAX, Visual Studio Code, DynamoDB, ADO.NET, Task, Async, Await.

**Travelers (Through CTS, Bangalore, India) Dec 2016 – Jun 2018**

**Infra. Technology Specialist Responsibilities:**

* Design, develop, enhance, and maintain current and new applications built primarily with **.NET MVC** and **WCF Services**.
* Develop applications in the **Visual Studio** development environment using **.NET C#** and GUI forms in an enterprise setting.
* Resolve and troubleshoot problems and complex issues affect application performance.
* Held continuous meetings with the business to understand requirements.
* Make changes to existing applications based on end-user or client requirements, ensuring compatibility with the latest operating systems.
* Successfully integrated Azure services with .NET applications to enhance functionality, scalability, and performance.
* Utilized **Team Foundation Server (TFS)** for source control, data collection, reporting, and project tracking.
* Implemented **ADO.NET** using SQL Database operations, including creating tables and writing stored procedures.
* Developed database objects such as tables, views, SQL Types and user-defined functions for database operations in **SQL Server**. Created reports and analyses using **SSRS** in the **.NET** environment.
* Deployed and managed .NET applications on Azure App Services, ensuring high availability and performance.
* Consumed and created **Web API** services to populate data in **React** view.
* Used **WCF Services** as a connection layer between front-end **.NET C#** and back-end **SQL Database**.
* Deployed existing applications to **Azure** after each enhancement.
* Set up the **UAT** environment for unit and integration testing.
* Deployed changes into the Dev Environment and conducted end-to-end testing.
* Worked on different environment deployments and testing.
* Analyzed and optimized Azure resource utilization to reduce operational costs, achieving significant cost savings for .NET projects.
* Provided assistance on coding for applications and related programming tasks.
* Assisted with the design and development of new enhancements as per functional specifications.
* Collaborated with project team members to conduct integration testing, system testing, and acceptance testing to ensure the application is fully tested before production release.
* Ensured that components and features are fully tested in each sprint, adhering to the definition of "done."

**Environment:** .NET MVC, WCF Services, C#, Visual Studio, HTML, XML, Windows Azure, IIS Server, jQuery, JavaScript, TFS, ADO.NET, SQL Database, SQL Server, SSIS, Web API, Azure, CSS, MVC architecture.

**Gestamp (Through ITC Infotech LTD) Dec 2015 – Dec 2016**

**Associate IT Consultant Responsibilities:**

* Designed and developed web pages using ASP.NET, VB.NET, C#, JavaScript, CSS, and server controls.
* Developed a reusable component library for windows and Web Applications.
* Acted as a technical expert, working with clients, analysts, programmers, and team members to develop technical solutions for complex business problems.
* Designed and implemented core application components, including a **Data Access Layer (DAL)** and **Business Logic Layer (BLL)**.
* Developed complex database objects like Stored Procedures, Functions, Triggers, Packages.
* Performed manual and unit testing, wrote unit test cases using NUnit, and coordinated with the cross functional team, and developers.
* Production Server deployment, configuration and running the script in client environment.
* Managed source code versioning using TFS, branching strategy for efficient feature development, release management, and bug fixing
* Responsible for designing, coding, developing, and implementing applications using **C#.NET** and **VB.NET**.
* Utilized **ADO.NET**, **LINQ**, **WCF Soap** and **REST services**, **ASP.NET WEB API**, and **LINQ**.

**Environment:** Entity Framework, SQL Database, stored procedures, VB.NET, AJAX, SharePoint, Microsoft SQL Server, HTML, .NET Framework, N-tier Architecture, Visual Studio, Data Access Layer (DAL), C#.NET, ADO.NET, LINQ, WCF Soap, REST services.

**Common Wealth Bank of Australia (Through HCL Technologies) Sep 2014 – Nov 2015 Software Engineer Responsibilities:**

* Responsible for the design, development, and delivery of all application modules.
* Designed and developed web pages using **HTML** and **CSS**, maintaining code behind with **ASP.NET** and **C#.NET**, while ensuring client-side functionality with **JavaScript** and **jQuery**.
* Utilized **JavaScript**, **AJAX**, and **jQuery** for dynamic page updates and client-side validations.
* Extensively worked with **ADO.NET** to develop core data layers for distributed applications.
* Implemented data access using model classes and **ADO.NET**.
* Wrote stored procedures, functions, and triggers in **SQL Server**
* Collaborated with local and international teams to deploy applications to **QA** and production environments.
* Developed web pages and validated them using **ASP.NET** and **VB.NET**.
* Designed and developed a **VB.NET** Windows application for searching files across multiple folders and storing them in a central repository.
* Conducted testing, debugging, and tracing of applications for error resolution, along with documentation and maintenance of programs.
* Responsible for designing, coding, developing, and implementing applications using **C#.NET** and **VB.NET**.
* Employed object-oriented development methodology using **VB.NET**.
* Used **Visual SourceSafe** for version control.

**Environment:** HTML, CSS, ASP.NET, C#.NET, JavaScript, jQuery, AJAX, ADO.NET, SQL Server, stored procedures, functions, triggers, VB.NET, object-oriented development, Visual Basic 6 ,Visual SourceSafe.

**Maersk (Through Inatech Infosolutions Private Limited) Aug 2010 – Sep 2014 Senior Software Engineer Responsibilities:**

* Designed and developed windows forms and webpage using C# ASP.Net 3.5
* Developed the application using the 3-tier architecture.
* Implemented all the business access and Data Access layers using C#.Net.
* Involved in building flexible UI controls, more user interactive and user-friendly web pages, reusable classes, functions using **ASP.NET, C#, AJAX** and **JavaScript** for client-side validation.
* Developed the presentation layer using **ASP .NET Web Forms, JavaScript, jQuery** and **CSS**.
* Used all ASP .NET controls for designing all **Web Forms.**
* Implemented all the client side functions by using JavaScript and jQuery.
* Extensively used **ADO.NET** objects such as Connection Object, Command Object, Data Reader Object, Dataset Object and Data Adapter Object to access the data in database.
* Created user defined stored procedures and functions using SQL Server.
* Customized windows controls using Syncfusion **GridView** with VB.NET.
* Created website navigation using the Accordion feature in the **AJAX** control toolkit and developed a grid view to display courses in multiple tabs with sorting and paging.
* Used **Tortoise SVN** for the version control.
* Involved in taking build for Web & Windows App (Traditional and Click Once Deployment).
* Production Server deployment, configuration and running the script in client environment.
* Attend regular meetings with the clients to enhance the application for the purpose of user needs.

**Environment:** .NET Framework**,** ASP.NET, C .NET, ADO.NET, AJAX, VB6, Windows, Syncfusion Grid, IIS, SQL Server, Visual Studio.Net IDE, JavaScript, JQuery, MS Access and Tortoise SVN.