**SREEJA MARADA  
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**Senior .Net Full Stack Developer**

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**PROFESSIONAL SUMMARY**

* Software Professional with 10+ years of experience in end - to-end development of software applications from requirement analysis to system study, designing, coding, testing, debugging, documentation, implementation using Microsoft.Net Technologies and maintaining of enterprise-level web and windows applications.
* Conversant Exposure in various Software methodologies like **Agile, Waterfall methodology, Test-Driven and Domain - Driven**. Strong knowledge of Object-Oriented Programming System **(OOPS)** and Test-Driven Development **(TDD).**
* Extensive experience in developing web and windows-based applications using Microsoft technologies including **C#, .Net Core, ASP.Net, MVC, and SQL Server** and integrating and migrating mainframe applications.
* Proficient in transaction management using **T-SQL** transactions, ensuring data consistency and integrity in multi-user database environments.
* Knowledge in Transformed traditional environment knowledge in virtualized environments with **chef, Puppet, Jira, Ansible, Dockers, Vagrant, and VMware.**
* Working with Azure **CosmosDB** as the data store for faster performance.
* Experienced in integrating Machine Learning algorithms and models into software applications through RESTful APIs, enabling intelligent decision-making capabilities.
* Explored .NET Core's support for scripting languages such as **PowerShell** and **Python**, enabling the development of cross-platform automation scripts for managing .NET applications in diverse environments.
* Experience in integrating UI with **Blazor** technology.
* Proficient in front-end UI development and web application development using **HTML, CSS, JavaScript, TypeScript, jQuery, AngularJS, Angular7/9/13/14/15, ReactJS, Ajax, Bootstrap, KnockOutJS, ASP.NET (including Web Forms, MVC 5.0, AJAX Control Toolkit, Master Pages, Themes, Skins, Web Parts), and Entity Framework**.
* Experience with Microsoft azure services like **IaaS, PaaS**.
* Implemented .Net security features using **OKTA** Identity service, ASP.Net Authentication and Authorization.
* Implemented Transparent Data Encryption **(TDE)** to enhance data security and compliance with regulatory requirements.
* Used **Vue.js** to implement the open-source JavaScript framework for building user interface.
* Proficient in **Kubernetes** for container orchestration.
* Strong proficiency in designing and developing InfoPath 2003/2007 forms and SharePoint Designer.
* Implemented **MSDTC** for maintaining transactional consistency and integrity in complex multi-tier applications.
* Strong in creating user interface using **Android SDK, iOS SDK** and in using Xamarin Forms for designing UI using framework APIs and **XAML** with different available layouts and controls.
* Skilled in leveraging core Azure services such as **Azure Virtual Machines, Azure Storage, Azure SQL Database, Azure Functions, and Azure App Service**.
* Skilled in deploying, managing, and optimizing cloud solutions on **Microsoft Azure, utilizing Azure DevOps for CI/CD pipelines**. Excellent knowledge in **Remoting, SOAP, XSD, XML, XSLT, XHTML, CSS**.
* Extensive experience with AWS for deploying, managing, and operating scalable, highly available, and fault-tolerant systems. Proficient in core AWS services including **EC2, S3, RDS, Lambda, VPC, CloudFront, and Route 53.**
* Experience in developing report such SQL Server Reporting Services **(SSRS),** StimulSoft Reporting Software, **SSAS**, **MDX, Power BI, CUBES, SQL Server Integration Services (SSIS), DTS Packages** and **Performance tuning**.
* Experience in documenting, preparing test plans, executing it and Code Review.
* Aware of various Big Data technologies like **Hadoop, Hive, Spark, Kafka, Airflow/OOZIE, BigQuery/Presto/Impala, etc., and their roles within the Big Data landscapes.**
* Ability to fully support all development phases of the software development lifecycle (**SDLC**).
* Extensively worked on Jenkins for continuous integration and for End-to-End automation for all build and deployments. Worked with **Team Foundation Server, GIT, Subversion and Visual Source Safe.**
* Capable of effectively coordinating between onsite and offshore teams, adept at stakeholder communication across all technical level.

**TECHNICAL SKILLS**

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| --- | --- |
| .Net Technologies | .Net Framework 4.0/4.5, C#, .Net Core, VBScript, ASP.NET, MVC4/5, AJAX, Web Services, ADO.NET, LINQ, Entity Frameworks, Bootstrap |
| Databases | Oracle 11i/10g (PL/SQL), SQL Server 2012/2014/2015 DB2, Teradata |
| Web Technologies | HTML 4/5, CSS, AJAX, JavaScript, JSON, ReactJS, XML, Xamarin, azure, jQuery, AngularJS, KnockoutJS |
| Methodologies | Agile, Waterfall, Test-Driven Development (TDD), Domain-Driven Design (DDD), Scrum |
| Operating Systems | UNIX, Windows Azure, Microsoft Windows 7/ Vista/ XP/ 2003/ 2000 |
| Tools | Visual Studio .Net, AQT, SQL Navigator, SQL Developer, MS - Visio, HP Quality Centre ALM 12(QC), Bug Tracker, SharePoint, Jenkins, Rally, JIRA &TFS and Testing tools like Type Mock, Moq and N unit |
| Service Layer | Web services (SOAP, REST), WCF, WPF, WEB API 4.0. |
| Reporting & Integration Tools | Crystal Reports, SSRS, SSIS. |
| IDE and Tools | Microsoft Visual Studio, Visio, .Net 2013/2012, SQL Profiler, SQL Server Agent, PowerShell |
| Cloud Technologies | Azure, AWS, Kubernetes, Containerization, Docker |
| Third Party Frameworks | ASP.NET AJAX Control Toolkit, Bootstrap, KnockoutJS, Infragistics for Net Advantage for .Net |
| Version Control Tools | Team Foundation Server (TFS), GIT, Subversion, Visual Source Safe |

**PROFESSIONAL EXPERIENCE**

**Senior .Net Full Stack Developer**

**GEICO, MD Jul 2023 to Present**

**Responsibilities:**

* Developed and architected .NET application using **C#, ASP.NET, MVC, .NET Core 7.0, and .NET frameworks.**
* Utilized front-end technologies including **JavaScript, Vue.js, AngularJS, and AJAX** for UI development and creating responsive web pages.
* Developed scripts using **PowerShell** to automate manual scripts
* Created a Web application using **Blazor** technology with.Net Core framework 5.0.
* Worked in the design and development phases of the application using **Ruby on Rails** framework.
* Designed and developed secure cloud & web applications using **.Net and Azure PaaS technologies**.
* Proficient in using **MVC 5.0, Web Forms, and Web API** to implement UI and business logic.
* Developed web pages with **HTML, JavaScript, CSS, and XML,** including Master Pages and page layouts.
* Designed and developed reusable frameworks and rule index matrix using **ASP.NET MVC 5.0 and C#**.
* Utilized **VB.NET** for various application development tasks alongside **C#**.
* Developed and optimized queries using **MongoDB’s** query language to improve data retrieval times and application performance.
* Designed and developed interactive reports and dashboards using Google **Data Studio** to visualize and analyze data effectively.
* Automated software deployment processes **using SCCM**, increasing efficiency by 30%.
* Implemented software distribution and patch management solutions via **SCCM.**
* Involved in setting up and maintaining **Azure MS Server 2014** for hosting multiple domains running on ASP.NET and document DB/Cosmos DB.
* Using the logic for screening each client record in the system develop windows batch script and **PowerShell scripting**.
* Good Hands-on experience writing **Scope Scripts for Cosmos (Big Data)** Azure Services and cloud services.
* Converted unstructured streams **in Cosmos** (Raw Data which are in Binary form) to structured stream (readable stream) and
* performing required aggregation on that Data using scope studio by writing scope scripts.
* Experienced working on **docker ORM** for containerisation.
* Involved in migrating existing applications from on-perm to cloud Azure using Terraform
* Expertise in Object Modelling of **Use cases, Object diagrams, Activity diagram, Class diagrams and UML using Visio, Lucid charts.**
* Utilized **Google Data Studio’s** wide range of visualization options, such as charts, graphs, and tables, to create custom visualizations that meet specific business needs.
* Managed and maintained **Cassandra** clusters, ensuring high availability and fault tolerance.
* Upgraded **RabbitMQ clusters,** minimizing downtime and ensuring application compatibility.
* Used **LINQ to SQL, LINQ to Entities, LINQ to XML and LINQ to Objects** for retrieving the data efficiently.
* Developed stored procedures for generating various reports and handling backend job processes. Worked on scheduling and managing backend data processing jobs.
* Ensured transactional consistency and integrity across multiple databases and systems.
* Implemented **T-SQL** triggers for enforcing data integrity constraints, auditing changes, and implementing business logic at the database level, ensuring data consistency and compliance with business rules.
* Utilized SQL Server Management Studio **(SSMS)** for database administration tasks, including backup and restore operations, user management, and performance monitoring.
* Implemented UI components and data binding using **Angular 15**, enhancing client-side validation and application responsiveness.
* Led migration projects from SQL to NoSQL databases, resulting in improved application responsiveness and reduced latency.
* Expert in setting up and managing CI/CD pipelines using **TeamCity**, ensuring seamless integration and deployment processes.
* Designed and implemented a **CRM** application using **VB.NET and WPF**, which improved client communication and data management.
* Implemented **Rabbit MQ** for Windows with Direct Exchanges, with Consumers and Producers for data integration with Windows Services.
* Implemented **TypeScript** in Angular projects to enhance code readability and maintainability.
* Developed and integrated complex workflows within Azure Logic Apps. Configured IIS 7 for application server management and deployed .NET applications across **DEV, QA, UAT, and PROD** environments.
* Developed backup and recovery solutions for **MongoDB** to ensure data resilience and minimize downtime.
* Designed and developed data access, business, and presentation layers for n-tier web applications.
* Implemented **CI/CD** pipelines using **Azure DevOps, Azure Monitor, and Azure Log Analytics** for effective resource management and automated deployments and implemented Kubernetes for automated deployment and testing.
* Utilized **Azure Security Center** and **Azure Active Directory** for ensuring security and compliance.
* Integrated hybrid cloud solutions with **Azure** for enhanced scalability and flexibility.
* Optimized **Cassandra** queries and data models to improve read/write performance and reduce data retrieval times.
* Developed and consumed **WebAPI** and **RESTful API** services using **WCF, SOAP, and XML**.
* Implemented client-side and server-side validation using jQuery, AngularJS, and ASP.NET MVC Validation controls.
* Participated in agile development processes, including daily stand-up meetings and Scrum project estimations.
* Written unit tests using **NUnit, XUnit,** and **Moq Framework** for validating application functionality.
* Utilized TypeScript's **async/await syntax** to handle asynchronous operations more efficiently in Angular applications.
* Extensive experience with Agile methodologies, including sprint planning, daily scrums, and retrospectives.

**Environment**: Visual Studio 2017/2019, Net CORE 4.7 Framework, C#, ASP.NET, MVC 5.0, WCF, Web API, Angular Js, Entity Framework, LINQ, HTML5, jQuery, JavaScript, SSIS, SQL Server 2016, IIS, Azure, Team Foundation Server, Jenkins.

**Senior .Net Full stack Developer**

**CVS Pharmacy, MA Apr 2021 to Jun 2023**

**Responsibilities:**

* Expertise in developing applications using Microsoft technologies such as **.NET Framework 4.0, .NET Core 4.6, ASP.NET**, and distributed applications using **WCF, XML Web Services, and Messaging systems.**
* Worked on Visual Studio 2019 and Visual Studio Code to implement business logic and develop robust applications.
* Experience in writing code and debugging skills with **ASP.NET, WCF, and Web services**.
* Proficient in creating and consuming **RESTful APIs and WebAPI** services using .NET frameworks.
* Implemented **vue.js mixins** to maintain code reusability at application level.
* Developing the reports using **POWER BI, Power Pivot and SSRS**.
* We used **GIS** for Resource Allocation, optimizing locations for clinics and hospitals, Allocating medical resources based on geographic demand.
* Modify existing PowerShell scripts to accommodate LCS Test process(es) with the intent to migrate from physical machines to Azure Laas and Pass.
* Worked on setting up the Authentications IDs for the existing applications using **Terraform**
* Designed and developed reusable frameworks and rule index matrices using **ASP.NET MVC 4.0/5.0 and C#**.
* Utilized **VB.NET** for various application development tasks alongside C#.
* Implemented UI using **MVC 5.0, HTML, XML, CSS, JavaScript, React, AJAX, vue.js and Web Form Controls** to create responsive web pages, developed Master Pages.
* Used Azure **Cosmos DB** service to store and access data from a .NET Core console application.
* Build an ASP.NET Core app that uses both SQL Server and Cosmos DB to store and display.
* Responsible for all cosmos streams in CRM Analytics and point of contact for all teams and created dashboards for different teams in CRM.
* Writing Customized Deployment Process templates for deploying source bits to Dev/QA/UAT/PROD Environments using PowerShell &amp; TFS.
* Automated build processes **using TeamCity**, reducing manual intervention and increasing build reliability.
* Implemented Database First EDMX and used Linq to Entities to massage the Data and optimized the Query Expressions.
* Implemented **MDX** scripts for complex data calculations in SQL Server Analysis Services **(SSAS).**
* Implemented **gRPC** for high-performance, language-agnostic **RPC** (Remote Procedure Call) communication between **microservices**, ensuring efficient inter-service communication and improved scalability.
* Developed Single Page Applications **(SPAs)** using **React, Blazor WebAssembly** ensuring high performance and dynamic user experiences.
* Created and tested application packages in **SCCM** for cross-system compatibility.
* Developed PowerShell scripts to automate **SCCM** tasks and reduce error rates.
* Automated routine maintenance tasks in **Cassandra** using shell scripts and configuration management tools.
* Implemented secure messaging protocols with **IBM MQ**, ensuring data integrity and compliance.
* Used **React with Redux** for managing application state and improving application scalability.
* Implemented server-side rendering **(SSR)** with React to enhance **SEO** and initial load performance.
* Developed and maintained unit tests for React components using **Jest and React Testing Library.**
* Developed **PowerShell scripts** to automate build tasks, package deployment, and configuration of .NET applications, enhancing deployment speed and reliability, memoization.
* Implemented large enterprise-level integration systems using **Azure Logic Apps, Azure Functions, Azure Storage, and Service Bus Queues.**
* **Migrated on premise servers, hard drivers and web applications to azure leveraging on PowerShell.**
* Developed and consumed **Web API** using MVC Application and other ASP.Net applications.
* Expertise in developing and deploying custom Web parts, Workflows, Features, Site Content Types, Lists and Libraries, style sheets and site definitions using **WSS, SharePoint Object Model and Visual Studio** on multiple web applications
* Used **TypeScript with React** for type safety and improved development experience.
* Implemented **Data Access Layer** using Entity Framework to connect, retrieve, and update the data from SQL Server.
* Created databases, tables, indexes, stored procedures, functions, and triggers using SQL Server 2016.
* Utilized SQL Server Management Studio **(SSMS)** for database administration tasks, including backup and restore operations, user management, and performance monitoring.
* Responsible for creating and managing **Docker ORM files.**
* Manage environments for legacy codes using specific **Docker containers** based on the required architecture.
* Expertise in Microsoft Office System and its integration with **Microsoft SharePoint Server**
* Experience with Asynchronous messaging using **Kafka, RabbitMQ, Redis.**
* Capable of administering **Linux servers**, including installation, configuration, and maintenance of services such as **Apache, Nginx, SSH,** and others.
* Integrated **XUnit and NUnit** with **CI/CD** pipelines for automated testing and continuous integration.
* Deployed **Azure Kubernetes Service (AKS)** for scalable and reliable hosting of containerized healthcare applications, ensuring high availability and fault tolerance.
* Utilized **Azure Boards** for agile project management, tracking work items, user stories, and sprints, ensuring alignment with project goals and timelines.
* Implemented release pipelines in **Azure DevOps** to automate the deployment of applications to various environments, including staging and production.
* Experience in writing unit test cases based on **TDD**. Performed unit testing on every new version before sending it for User Acceptance Test **(UAT)**. Testing the website on multiple browsers with their old as well as latest releases.
* Identified bottlenecks and bugs, and devised solutions to mitigate and address issues. Fixed various production bugs.

**Environment**: Visual Studio 2017, Visual Studio Code, .Net CORE 4.6 Framework, C#, ASP.NET, MVC 5.0, WCF, Web API, React, Redux, TypeScript, Entity Framework, LINQ, HTML5, jQuery, SQL Server 2014/2016, IIS, Azure, Team Foundation Server, GIT, Rally, Jenkins, Xamarin.

**Senior .Net Full stack Developer**

**State of South Carolina, SC Nov 2018 to Mar 2021**

**Responsibilities:**

* Followed OOPS concepts for developing the application with **C#, ASP.NET**.
* Created Stored Procedures, User Defined Functions, Cursors, Triggers, Views, and Indexes using **SQL Server 2012**.
* Involved in complete application in AWS like **EC2, S3 bucket**.
* Utilized React Router for client-side routing and navigation within single-page applications **(SPAs),** ensuring seamless navigation between different views and components.
* Integrated React with server-side rendering **(SSR)** frameworks such as Next.js or Gatsby for improved performance, **SEO**, and initial page load times.
* Regularly monitored and maintained **TeamCity** servers, ensuring optimal performance and minimal downtime.
* Implemented security measures, including user authentication and authorization, to safeguard sensitive data in **DB2.**
* Integrated **DB2** with .NET applications, leveraging its robust capabilities for reliable and efficient data storage.
* Developed several **SOAP and REST API** based internal tools to enhance quality and performance of existing code base and deployed **inCloud Foundry, AWS S3, Kinesis and Kubernetes**.
* Implemented failover and disaster recovery strategies for **MSDTC** to ensure business continuity.
* Implemented responsive design and ensured cross-browser compatibility in React applications.
* Utilized **React Router** for declarative routing and navigation within single-page applications.
* Integrated external APIs and services into React applications using fetch or Axios for data fetching.
* Documented results of **JIRA** workflows and process audits.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Docker on familiar servers such as Apache, and IIS.
* Managed servers on the Amazon Web Services **(AWS)** platform instances using Puppet, Chef Configuration management.
* Implemented authentication for NO SQL DB through **Cassandra** connecter scripts for enabling the scripts to run.
* Implemented effective partitioning strategies and configured indexing policies in **CosmosDB** to enhance data-intensive application performance.
* Implemented advanced **T-SQL** features including window functions, common table expressions **(CTEs)**, and table-valued parameters **(TVPs)** to address complex business requirements and analytical queries.
* Worked with the **Razor View engine of MVC 5.** Participated in **UAT** by handling unit testing.
* Experience in writing microservices using asp.net core and **AWS lambda**.
* Designed and implement **AWS Lambda** and API using VS.NET 2015, ASP.NET core with AWS SDK kit.
* Worked on the new Ajax Framework Mode property of **ASP.NET 4.0**, which controls components of the **ASP.NET Ajax** Library. Created visual web parts using **SharePoint 2012 and Visual Studio 2015.**
* Worked with different web services **SOAP and REST** using **WCF**. Used **HTML** for creating views in **MVC 5.**
* Experience with administrating the **Atlassian product line** (JIRA, Agile, Confluence, etc.).
* Created layout views and incorporated them into the **ASP.NET MVC** application.
* Coordinated with QA Leads, Project Managers, Development Managers, System Administrators, Architects, and DBA members. Provided status reports to appropriate project management.
* Modified view files using **jQuery** to display database changes, utilizing **LINQ, jQuery, C#, MS SQL, and WCF services**.
* Provided technical support, troubleshooting, and monitoring for reports released for staging and production.
* Experience in reporting and integration using business intelligence tools like SQL Server Reporting Services **(SSRS),** SQL Server Integration Services **(SSIS),** **and Crystal Reports.**
* Leveraged PowerShell Core for cross-platform scripting, enabling automation of .NET application deployment tasks in heterogeneous environments encompassing **Windows, Linux, and macOS systems.**
* Involved in developing object-oriented PowerShell and TypeScript, experienced with **AJAX, JSON, HTML, and CSS.**
* Provided technical guidance on building solutions using **AWS PaaS and other services.**

**Environment**: Advanced Query Tool, HP Performance Center, DB2, Teradata, DataStage, ASP.Net, HTML, CSS, MVS, Webservices, ReactJS, Entity Framework, LINQ, SSRS, SSIS, SSAS, UNIX, validator, HP Quality Center, SQL Server, Bootstrap, AWS.

**.Net Full Stack Developer**

**Wipro, Houston, TX Dec 2017 to Aug 2018**

**Responsibilities:**

* Prepared Functional Specifications, Design Specifications document and **UML Diagrams.**
* Designed and Developed application using **.NET framework, Object Oriented Concepts.**
* Involved in application development using **Visual C# 4.5, ASP.NET, WCF, Entity Framework and Web API.**
* Hands on experience in developing, debugging n-tier applications using **C#, HTML 5, CSS3 on MVC with RAZOR**.
* Experience with developing back-end services to Azure clouds. Involved in Bug fixing and system documentation.
* Used **ADO.NET** objects such as Data Reader, Dataset and Data Adapter, for Consistent access to SQL data source.
* Leveraged Angular's reactive forms module and TypeScript decorators to build robust and scalable form components.
* Created RESTful APIs in Node.js to interact with **MongoDB databases**, providing data access to AngularJS and Angular applications.
* Utilized **DB2’s** advanced features, such as partitioning and compression, to optimize storage and improve data access speeds.
* Implement microservices as business component using asp.net core and **AWS lambda**.
* DevOps role converting existing AWS infrastructure to Server-less architecture (AWS Lambda, Kinesis) deployed via Cloud Formation.
* Developed backup and disaster recovery plans for **DB2** databases to ensure data resilience and business continuity.
* Proven ability to troubleshoot and optimize Azure Logic App workflows for intricate use cases.
* Enhanced reporting capabilities within applications by integrating **StimulSoft** Reporting Software.
* Developed service layer that uses Dependency Injection to pass updates models to the application layer to facilitate unit testing. **AngularJS** Controllers are used to maintain each View data. Used Twitter Bootstrap classes for responsive design.
* Integrated **CosmosDB** with .NET applications to leverage its scalability and low-latency data access.
* Participated in Daily Scrum and in sessions for the estimation of Stories.
* Used GIT extensively to rebase and merge branches to the Master. Used Jenkins to do Continuous Integration.
* Developed web base application using **JavaScript and SQL server.**
* Designed and developed **PL-SQL** functions, stored procedures, cursors, triggers, packages.
* Developed and implemented custom logging structure in Event Handlers for all the **SSIS packages using SSIS system variables.** Designed archive structure for error logs for auditing purposes using **T-SQL** and Integration Services.

**Environment**: ASP.NET, MVC 5, Entity Framework 6 Code First, Classic ASP, Twitter Bootstrap, Fluent Validations, Dependency Injection, Structure Map, LINQ, Angular JS, Hibernate, JQuery, HTML 5, CSS3, XML/XSLT, MVVM Pattern, SQL Server 2012, T-SQL, IIS 7.0, SSIS, TIDAL, Resharper, Git.

**.Net Developer**

**Kotak Bank, Hyderabad, India Jan 2013 to Apr 2017**

**Responsibilities:**

* Involved in several phases of software development, including requirements gathering, application design, implementation, testing, and deployment.
* Developed the application in **ASP.NET** and involved in writing **C# classes**.
* Worked on designing and developing helper classes in C# to facilitate reusable controls and code.
* Converted .NET projects from **Framework 1.1 to 3.5.**
* Maintained all Web applications, Windows Services, and Web Services daily.
* Involved in creating maintenance rules to take daily backups of **SQL Server databases.**
* Used SQL Profiler to improve the performance of SQL stored procedures and functions.
* Created SQL Server reports using SQL Server Reporting Services **(SSRS).**
* Involved in writing test cases for unit testing and integration testing.
* Designed and managed **CosmosDB** collections, ensuring optimal storage and query performance for large-scale applications.
* Implemented client-side functionality and dynamic web pages using **AngularJS.**
* Used AngularJS to develop Single Page Applications **(SPAs)**, enhancing user experience and performance.
* Implemented data binding and validation using AngularJS to ensure responsive and interactive UI components.
* Source code was maintained using Visual Source Safe **(VSS).**

**Environment**: .NET Framework 3.5, Visual Studio.NET 2010, ASP.NET, C#, HTML, JavaScript, AngularJS, .NET XML Web Services, SQL Server 2005, SSIS, SSRS, Visual Source Safe, XAML

**Education**: Bachelors in CS, GRIET, India-2015.