**Maniraju Medishetty**

**Sr .Net Full Stack Developer**

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**Professional Summary:**

* Over 10 years of experience in Design, Development, and Implementation of Windows and Web-Based applications using **Microsoft .NET** Technologies. Worked on **SDLC** in various .NET frameworks and **Object-Oriented Analysis and Design (OOAD)**, ensuring structured and efficient development processes.
* Experience with a wide range of Microsoft .NET Technologies, including **Visual Studio.NET** **(2010-2022),** **.NET Core** **(6.0/5.0/4.0/3.0/2.0/1.0), .NET (8/7/6)**, **.NET Framework** **(4.8.1/4.8/4.7.2/4.7.1/4.7/4.6.2)**, **ASP.NET**, **C# (10.0/9.0/7.0),** **ADO.NET**, **Web Services**, **Microservices**, **WCF Services**, HTML, **SOAP, REST, XML, Entity Framework, Entity Framework Core JSON LINQ, SSIS**, and **NUnit**.
* Utilized the latest web technologies, including **ASP.NET** Core for back-end development and Angular or React for dynamic and responsive front-end interfaces.
* Developed responsive web interfaces utilizing **.Net Core**, **React**, **Angular 14, Angular JS**, **TypeScript**, and **Bootstrap**, ensuring smooth and dynamic user experiences.
* Worked on OOPs concepts and Architectural patterns like **MVC**, **Dependency Injection, Onion** as well as creational pattern like **Singleton**, **Factory**, **Façade** and **Abstract Factory**.
* Developed RESTful APIs using **ASP.NET Web API** or **ASP.NET** **Core Web APInode.js**, ensuring interoperability and facilitating seamless communication between various components of the application.
* Developed **Microservices architecture** using .NET Core integrated with AWS services, enabling cloud-native applications with scalability and reliability.
* Implemented **Microservices architecture**, leveraging AWS for deployment and ensuring seamless integration with **RESTful Web APIs**.
* Designed and implemented RESTful APIs for Microservices using **ASP.NET Web API**, facilitating seamless communication between frontend and backend systems.
* Utilized **MVC 6/5/4 Razor framework** with Repository Pattern, ensuring clean and maintainable codebases.
* Developed websites using **ASP.NET MVC (4/5/6)**, **C#**, **WCF**, and **WEB API**, ensuring robust and scalable web applications.
* Proficient with database technologies including **MS SQL Server (2008-2019), MySQL, T-SQL**, **Postgre SQL** and **Oracle 12C** ensuring robust and efficient data management solutions.
* Developed and maintained ETL processes using **SQL Server Integration Services (SSIS)** for data transformation.
* Created reports and dashboards using **SQL Server Reporting Services (SSRS)** for data visualization.
* Used **ADO.NET** extensively for database interactions using Data Reader, Data Adapter, Data view, and Datasets.
* Implemented **LINQ** queries to streamline database interactions and improve data retrieval.
* Experienced in developing, optimizing, and maintaining Oracle database schemas, stored procedures, and triggers using **PL/SQL**. Engaging extensively with Power BI for real-time data analysis and interactive dashboard creation.
* Utilized Power Platform tools such as **Power BI**, **Power Apps**, **Power Automate**, and **Power Virtual Agents** to develop solutions aligned with business needs and drive digital transformation.
* Proficient in leveraging **Azure Purview** for data discovery, classification, and governance across hybrid and multi-cloud environments, ensuring compliance with regulatory requirements.
* Skilled in integrating Azure Purview with other Azure services like **Azure Data Factory**, **Azure Synapse Analytics**, **and Azure SQL Database** for end-to-end data management and analytics solutions.
* Worked on **AWS solutions** using **EC2**, **S3**, **RDS**, **Elastic Load Balancer**, and **Auto-scaling groups**, enabling scalable and reliable cloud-based applications.
* Implemented **DevOps practices**, including continuous integration and delivery using tools like **Jenkins**, **Docker**, and **Terraform**. Containerized applications using **Docker** for simplified deployment and management.
* Experienced in creating and managing CI/CD pipelines with Jenkins and **Azure DevOps**, enabling automated build, test, and deployment processes.
* Experience in handling CRUD operations in MongoDB. Expertise in using **XUnit** framework as a project building tool.
* Experience with **Agile**, **Iterative**, and **Waterfall software development methodologies**, including **TDD** and **SCRUM** **Framework**, ensuring efficient project delivery.
* Proficient in working with message queues, including **ActiveMQ, MSMQ** and **RabbitMQ**, for asynchronous communication and decoupling of components. Expertise in using version controls like **GIT**, **TFS**, and **SVN**.
* Experience with automation testing tools: **Postman API, Selenium Web Driver, QTB (VBScript)**.
* Skilled in implementing **authentication strategies**, **SSL,** **JWT tokens**, **OAuth** and **OAuth2**, and **Single Sign-On (SSO)**.
* Developed **unit test** cases using C# to ensure robust and reliable functionality, contributing to comprehensive test coverage.

**Technical Skills:**

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| **Operating Systems**  | Windows XP,7,8 and LINUX, UNIX  |
| **Programming Languages**  | C, C#, ASP.NET(C#), VB.NET, VB6.0, HTML, XML, and PL/SQL,  |
| **Frameworks**  | NET Framework 4.8.1/4.8/4.7/4.6/4.5/4.0/3.5/2.0/1. x.  |
| **Scripting Languages**  | JavaScript, jQuery, AJAX, VBScript, Express.js, Angular 2/4/5, Type Script, Node.js, React.js, Ext JS.  |
| **Web Technologies**  | ASP.Net, ADO. Net, DevExpress, NHibernate, HTML, DHTML, AngularJS, NODE.JS, Bootstrap, Rest. JS, XML, AJAX, CSS, XML, XSL, Web Services, WSDL, UDDI, WCF, WPF, Silverlight.  |
| **Software Application**  | VisualStudio.Net, Dreamweaver and Expression Blend.  |
| **Reports**  | Crystal Reports 10/9.0, SQL Server Reports.  |
| **Web Servers**  | IIS 5.0/6.0/7.0.  |
| **Methodologies**  | Agile, waterfall, SCRUM, TDD  |
| **Version Control Tools**  | Subversion (SVN), CVS, GIT  |
| **Database**  | Oracle 8.x/9i/10g/11g, MS Access 2003, MS SQL Server, MongoDB.  |

**Professional Experience**

**Client: CVS Health, Woonsocket, RI July 2022 – Present**

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

**Responsibilities:**

* Participated in various stages of the **software development life cycle (SDLC)**; analysis, design, development, and maintenance. Utilized **Agile** Methodology.
* Designed and developed new features for the application using **C#** within .NET framework, ensuring scalability and performance.
* Developed web pages using **ASP.NET MVC 6**, Entity Framework 6, **C#**, **HTML5**, **Bootstrap**, **CSS3**, **JavaScript**, **jQuery**, **Angular 15/14**, **SQL Server 2022**, **LINQ**, **XML**, and **SSRS**, providing dynamic and responsive user interfaces.
* Developed Microservices using **.NET Core 6.0**, leveraging **.NET Core Web APIs** for seamless communication between the front-end and back-end.
* Implemented **Azure Active Directory (AAD)** for secure authentication and authorization of Microservices and Angular applications, ensuring data security.
* Employed **ETL** commands for data integration and migration processes, extracting, transforming, and loading data into target databases efficiently.
* Utilized Session State in **ASP.NET Core 6.0** to store user data, enhancing user experience and security.
* Implemented **RESTful API endpoints** to facilitate communication between client-side applications and server-side systems, ensuring interoperability.
* Created interactive reports and dashboards using **Power BI**, enabling stakeholders to gain insights and make data-driven decisions.
* Developed backend using **.NET 6 Web APIs** and **MongoDB** for flexible data storage, ensuring scalability and adaptability.
* Upgraded .**NET MVC** application to **.NET 6**, ensuring compatibility and leveraging the latest features.
* Developed custom business applications **using Power Apps**, streamlining business processes and enhancing productivity.
* Implemented **Azure DevOps pipelines** for CI/CD, automating build, test, and deployment processes for **Microservices** and **Angular applications**, ensuring efficiency and reliability.
* Collaborated with cross-functional teams to gather requirements, design solutions, and deliver high-quality **Power Platform** solutions aligned with organizational goals.
* Designed and implemented automated workflows using **Power Automate**, improving operational efficiency and reducing manual tasks.
* Designed and implemented data solutions using **Azure Data Lake Storage**, **Azure Blob Storage**, and **Azure Cosmos DB**, ensuring scalable and secure data storage.
* Implemented health checks and monitoring endpoints for Microservices using Azure Application Insights, ensuring proactive monitoring and troubleshooting.
* Integrated **MongoDB 5** as a NoSQL database, providing flexible and scalable data storage and retrieval capabilities.
* Implemented **JWT Authentication/Authorization** to ensure secure communication between client and server applications.
* Designed and implemented scalable and resilient message queuing solutions using **Rabbit MQ** for .NET applications, enabling asynchronous communication between distributed components.
* Set up CI/CD Pipelines in **Azure DevOps** and **Azure Data Factory**, facilitating automated deployment and data integration processes.
* Unit tested applications using **Karma, Jasmine, jest, Mocha,** ensuring code quality and reliability.
* Handled production issues and UAT sessions effectively, ensuring smooth operation and user satisfaction.

**Environment:** .NET Core 6.0, .NET Framework 6, C#.NET, ASP.NET, ASP.NET MVC 6.0, web API’S, SQL Server 2022, Visual studio Code, Angular 14, Visual Studio 2022, Kubernetes, Power Shell, Team Foundation Server, Microservices.

**Client: T Rowe Price, Owings Mills, MD Sept 2020 – June 2022**

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

**Responsibilities:**

* Participated in various stages of the **software development life cycle (SDLC)**; analysis, design, development, and maintenance. Worked on **Waterfall model**.
* Designed and developed new features for the application using **C#** within **.NET framework**, ensuring scalability and performance.
* Implemented scalable, maintainable, secure REST API Services using **.NET Core**, C#, and **ASP.NET** **WebAPI**.
* Utilized **DDL commands** such as CREATE INDEX to optimize data retrieval performance by speeding up query execution.
* Implemented **ASP.NET MVC** strongly typed views, partial views, and attribute routing, enhancing application structure and maintainability.
* Used **Ajax**, and **x** to post data from the client side to the database, ensuring efficient data transfer and manipulation.
* Implemented authentication and authorization using **JSON Web Tokens (JWT)**, ensuring secure and authenticated access to applications and APIs.
* Leveraged **React 17** for application development, including making REST calls and processing **JSON** and **XML** data for components that required it.
* Experienced in **React 17** Templates, directives, Routing and navigation, Components, Services, and Data binding concepts.
* Performed validations on Web Forms using .Net Validation Controls and Client-Side Validation using React 17, ensuring data integrity and user experience.
* Created **TypeScript** reusable components and services to consume REST APIs using Component-based architecture provided by React 17, enhancing code reusability and maintainability.
* Played a pivotal role in the adoption of **CI/CD pipelines** using **AWS DevOps**, streamlining the development process and automating deployments.
* Managed local deployments in **Kubernetes**, created local cluster, and deployed application container, ensuring smooth development and testing environment.
* Architected robust backend data storage and retrieval through integration of **MongoDB** with **ASP.NET** **Core** applications and Web Services.
* Implemented authentication and authorization using **JSON Web Tokens (JWT)**, ensuring secure and authenticated access to applications and APIs.
* Successfully implemented **OAuth 2.0** mechanisms, ensuring secure user authentication and authorization.
* Implemented comprehensive monitoring solutions for **MS MQ and RabbitMQ**, providing real-time insights and ensuring system stability.
* Successfully implemented a complete **AWS DevOps** integration, automating and streamlining workflows, improving efficiency and reliability.
* Utilized unit testing tools of **JavaScript** **framework** like Jest for **React 17**, ensuring code quality and reliability.
* Utilized AWS Service Bus for event-driven communication between Microservices, enabling loose coupling and scalability.
* Expertise in implementing security best practices on **AWS**, ensuring data security and compliance with industry standards. Familiarity with AWS security services such as **AWS WAF** (Web Application Firewall), **AWS Shield**, and **AWS Security Hub** for threat detection and mitigation.
* Proficient in configuring and managing **AWS** storage solutions, including Amazon S3 for object storage and **Amazon EBS** for block storage, ensuring scalability and reliability.
* Developed .NET code for publishing and consuming messages using **RabbitMQ**, facilitating communication between distributed systems.
* Actively engaged in exploring new features and capabilities of the Power Platform, experimenting with emerging technologies, and driving innovation to enhance business processes and outcomes.
* Conducted functional, regression, and end-to-end testing using **Selenium** and **API testing** using **REST** on **JUnit framework.**

**Environment:** .NET Framework 4.6.2, C#.NET, ASP.NET, ASP.NET MVC 5.0, React 17, WebAPI, SQL Server 2017, Visual studio Code, Kubernetes, Visual Studio 2017, Power Shell.

**Client: State of Mississippi, Jackson, MS Aug 2018 – July 2020**

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

**Responsibilities**:

* Developed web applications in **Visual Studio 2013** and **Microsoft SQL Server 2012**, emphasizing **agile methodologies** for rapid development.
* Designed and developed the presentation layer using **ASP.NET**, **AngularJS**, **Bootstrap**, **HTML 5**, **CSS3**, **JavaScript**, **jQuery**, and **AJAX**, focusing on test-driven development (TDD) principles.
* Migrated existing applications to single-page application (SPA) architecture using modern client-side tools like **Angular 6/7**, **Typescript**, and **Webpack**, enhancing performance and user experience.
* Implemented **Azure API Management** to secure and monitor Microservices, ensuring compliance with organizational policies and standards.
* Integrated **Azure SQL Database** for scalable and reliable data storage, optimizing database performance and ensuring data integrity.
* Utilized **Azure** for cloud-based application hosting and deployment, ensuring scalability, reliability, and accessibility.
* Utilized **Azure DevOps** for continuous integration and delivery **(CI/CD) pipelines**, automating deployment processes for Microservices, and maintaining high development velocity.
* Utilized ETL tools like **SSIS** (SQL Server Integration Services) for automating ETL workflows, facilitating efficient data movement and transformation.
* Integrated **Azure Service Bus** for reliable messaging and communication between application components, ensuring seamless cross-service interactions.
* Utilized **Azure Blob** **Storage** for storing and managing unstructured data, enabling efficient data storage and retrieval.
* Implemented **CRUD functionality** with Entity Framework in **ASP.NET MVC,** emphasizing scalability and maintainability.
* Designed and developed user interfaces using **JSON**, **JavaScript**, **HTML/HTML5, CSS3, AJAX, jQuery, Telerik/Kendo UI, Bootstrap,** and **Angular 6/7,** prioritizing usability and responsiveness.
* Implemented RESTful services using Web API Controllers **(Web API 2)** in **ASP.NET MVC 5**, facilitating communication between client-side and server-side components.
* Utilized **Angular 6/7** for building front-end components, emphasizing its ability to create simple and scalable code for single-page applications (SPAs).
* Implemented **SOAP** to implement Web services, enhancing interoperability and data exchange within the application.
* Provided database connectivity using **Entity Framework Core 1.0/2.0**, **LINQ**, and designed stored procedures and views at the backend, ensuring efficient data retrieval and manipulation.
* Participated in **Test-Driven Development (TDD)** within an **Agile environment**, ensuring code quality and reliability.
* Integrated **MongoDB** or **Cosmos DB** into .NET applications, designing schemas and data models tailored for NoSQL databases.
* Constructed **JWT Token-based authentication** for Web API, ensuring a secure and authorized access environment.
* Successfully implemented **OAuth 2.0** mechanisms, ensuring secure user authentication and authorization, safeguarding sensitive data and resources. Managed seamless cross-service interactions through **Rabbit MQ**.
* Utilized source code control systems like **TFS**, ensuring version control, collaboration, and traceability throughout the development process.

**Environment:** .Net Framework 4.7, Azure, Angular 6/7, C#, ASP.Net, Visual Studio 2012, JavaScript, HTML5, CSS3, ASP.Net MVC5.0, LINQ, SSIS, SQL Server2012, Vault

**Client: Humana, Louisville, KY, USA Jan 2016 – June 2018**

**Role: Full Stack .NET / Web Developer**

**Responsibilities**:

* Utilized fast-paced **Agile Methodology**, contributing to task completion and iteration through a full development cycle using **N-Tier architecture**.
* Designed and implemented a user-friendly UI using React for the presentation layer, leveraging React **HTTP requests** to fetch data from web servers and process **JSON** data for rendering.
* Experienced in writing **SQL** and **PL/SQL** queries, **stored procedures**, **functions**, **triggers**, and **packages** for data manipulation and business logic implementation.
* Implemented **Azure Active Directory** for centralized authentication and authorization of Microservices, ensuring secure access control and identity management.
* Involved in designing the application architecture using **Microsoft design patterns,** **C#, jQuery, ASP.NET MVC, and Web User Controls, emphasizing Test-Driven Development (TDD) principles.**
* Created data access layers using **Enterprise Library** and **C#** **objects,** enhancing modularity and maintainability of the application.
* Developed web pages using **ASP.NET, C#, JavaScript, CSS,** and skins, ensuring an interactive and visually appealing user experience.
* Utilized **SCRUM** **methodology** and **Test-Driven Development (TDD)** in various modules, ensuring high-quality code and efficient development processes.
* Demonstrated proficiency in designing, developing, and deploying **Azure Functions**, enabling serverless execution of code for various applications within the Azure ecosystem.
* Implemented **REST APIs** with **azure service fabric** stateless Microservices using **ASP.NET Core**.
* Implemented the **MVC Design Pattern** for **ASP.NET** application development, enhancing code organization and maintainability.
* Utilized Web API to create Restful Web Services in **MVC.NET**, enabling seamless communication between client and server using **XML** and **JSON**.
* Used advanced level of HTML, CSS3, JavaScript and CSS layouts.
* Developed stored procedures, functions, and created tables, views, triggers, and sequences using **Oracle 11g**, ensuring efficient data manipulation and management.
* Contributed to the development of data access, business, and application layers using **LINQ**, **C#**, and **ASP.NET**, ensuring modular and scalable architecture.

**Environment:** Visual Studio 2010/2012, C#, XAML, HTML5, MVC5, CSS3, jQuery, Bootstrap JS, Kendo UI, TFS, JSON, MVVM, ADO.NET, Telerik, React.

**Client: DBS Bank, Hyderabad, India Aug 2013 – Oct 2015**

**Role:** **.Net Developer**

**Responsibilities:**

* Designed, developed, and deployed a web application using **ASP.NET**, incorporating **N-Tier Architecture** and **Database Connectivity**, to deliver higher-quality software in an **agile environment**.
* Worked on migrating legacy **VB6** code to **VB.NET** using **Visual Studio**, ensuring smooth transition and compatibility with modern .NET frameworks.
* Utilized **ASP.NET Web Form** controls like **Textbox, Button, and Dropdown list** controls to create an easily accessible user interface, enhancing user experience and interaction.
* Worked on different aspects of the .NET framework, including **ASP.NET** and middleware like **ADO.NET**, to leverage the latest technologies and frameworks for application development.
* Developed an Email Notification System using **MSMQ** asynchronous model with **WCF Service** and **.NET MSMQ binding,** ensuring reliable and efficient communication within the application.
* Utilized **SQL stored procedures,** **triggers,** and **user-defined functions** to encapsulate business logic within the database, ensuring data integrity and security.
* Created webpages using **HTML, CSS, jQuery** and **JavaScript**.
* Used **AJAX** to trade data with a Web Server without reloading the page, enhancing the responsiveness and efficiency of the web application.
* Designed components using **JSX** and **reducers**, and **actions** using **Angular.js** and **Redux**, leveraging the latest version of **JavaScript (ECMA 6)** for frontend development.
* Worked on **VB.NET Security features** such as Forms-based Authentication and Role-based Authorization, ensuring secure access control to the application.

**Environment:** .NET Framework 4.5, C#, VB.NET, ASP.NET, HTML5.0, Camstar, JavaScript, CSS3, JSON, MVC5, TFS 2013, SharePoint Designer 2013, XML, SOAP UI, Windows Server 2012.

**Education: Bachelors in Computer Science, Jawaharlal Nehru Technological University, Hyderabad, India - 2013**