**Jagasweth Reddy**

**Sr. .NET DEVELOPER**

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**Location: Alpharetta GA**

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**PROFESSIONAL SUMMARY:**

* **8+ years** of experience in **analysis, design, development, testing and maintenance** of **object-oriented, client-server multi-tier** web applications.
* Excellent team player with strong communication and desire to learn quickly.
* Experience with **.NET Framework (3.5,4.0 & 4.5),** **.Net Core 2.0/3.0//5.0/6.0, C#, Python, ASP.NET, VB.NET, MVC-Razor pages, ADO.NET, WPF, Web Forms, SSRS,** **DB2 for ISeries, SQL Server 2005/2008, T-SQL, PL/SQL, Web services,** **Docker, Kubernetes,** and **Visual Studio (2005/2008/2010/2015).**
* Designed and implemented the application using **Micro-Service Architecture** for its various distinct advantages like **loose coupling** and **design patterns**.
* Involved in all phases of Software Development Life Cycle – requirement specifications, analysis, design, development, unit testing, debugging, deployment and support.
* Strong knowledge on advanced .Net technologies like **Window Communication Foundation & Windows Presentation Foundation.**
* Worked extensively with **Iterative Agile Methodologies, Waterfall methodologies** and **Test-Driven Development.**
* Experienced in Installation for Octopus Deploy, Crating and deploying package with using Octopus Deploy 3.2.
* Extensive experience in developing, debugging N - tier applications using C#, AJAX, XSLT, XML,XHTML, CSS, Reflection, Multithreading and Agile programming methodologies
* Experienced in developing web applications using Sitecore CMS, ASP.NET MVC 3/4/5, Web formsand, C #, ADO.NET, Entity Framework, Visual Studio 2008/2010/2012/2013/2015 , Linq, jQuery, Javascript, CSS
* Good Experience in React.js for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
* Developed and maintained Web Forms with ASP.Net, ReactJS, IIS 7.0/6.0./5.0 and C#.Net.
* Experience in developing web-centric applications using **ASP.NET, HTML5**, **HTML/DHTML**, **XML,** **Angular**, **JavaScript, React JS, jQuery, CSS3,** and **IIS**.
* Audit assets for compliance with WCAG standards.
* Adhered to the Four Principles of Accessibility outlined by WCAG.
* Experience with all phases of SDLC in the Waterfall model and Agile (SCRUM) methodologies.
* Experienced in utilizing the new integrated features of ASP.NET 4.5/3.5/3.0 versions like Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF), LINQ and Entity Framework.
* Experienced in building sophisticated distributed systems using REST/hypermedia web APIs (SOA). 
* Proficient experience in developing Queries, Stored Procedures, Triggers and Functions
* Experience with NoSQL **MongoDB** in working with collections, indexes, shards and other database management tasks.
* Experience in Debugging and Trouble shooting of own and other team mates’ code
* Good knowledge on Microservices , AWS (Amazon Web Services) , working with EC2, RDS, Dynamo DB, S3, Cloud watch and Docker.
* Experience in Sitecore CMS like creating Templates, Layouts, Renderings, Rules Engine,Custom Pipelines, Sitecore API, Roles & Authorization, Workflows, Publishing, Deployment, Packages,Subsites, Multilingual websites, Migration, Scaling ..etc
* Experience in complex, scalable software solutions utilizing MS Azure and worked on Azurecloud computing and AWS.
* Implemented WCAG 2.0 principles in accordance with WAI. A good understanding of accessibility and usability for disabled people.
* Outstanding ability in Design, Development, Security, Testing and consuming of distributed applications using Windows Communication Foundation (WCF), and responsible for developing WCF based Service, Data, Fault and Message Contracts and services.
* Extensive experience in architecture, design and development of Client-Server and Distributed Web Applications with ASP.NET MVC 3.0, 3-Tire and N-Tire Architecture
* Expertise in application development using ASP.NET MVC 3.0 Framework.
* Experience in designing and implementing infrastructure as code and **CI/CD** pipeline for deployments of large-scale web applications.
* Utilizing **Bootstrap, Foundation, Material Design lite** and **Ionic** framework for standard web design and styling mobile apps.
* Added accessibility functionality and ensured WCAG compliance
* Strong experience in design patterns MVC and MVPC patterns
* Experienced Working with Azure Cloud Services like Logic Apps, Function Apps, Blob Storage, Azure App Services, Service Fabric, Azure Data Factory.
* Worked extensively with SQL Queries, Stored Procedures, Azure Database migrations
* Solid understanding and hands-on experience of large-scale database (**SQL Server 2000/2005/2008**), **MySQL, PostgreSQL** and experience with writing **stored procedures, Triggers, User Defined Functions**, **Queries, Indexes, Views.**
* Used Team City for continuous integration and Octopus Deploy for deployment of application
* Used Micro service architecture, based services interacting through a combination of REST and leveraging AWS to build, test and deploy Identity Micro services.
* Developed several SOAP and REST API based internal tools to enhance quality and performance of existing code base and deployed in Azure webapps, API gateway
* Involved in complete application stack in Amazon Web Services (AWS) like EC2, S3 Bucket.
* Responsible for maintaining and expanding AWS (Cloud Services) S3 infrastructure using AWS (SNS, SQS).
* Good experience in Exception Handling, Debugging and tracing by which the whole picture ofapplication runtime behavior can be seen and analyzed more efficiently.
* Experience in HealthCare Domain and worked with **HL7** standards, **HIPAA EDI** transaction, Clinical Documents.
* Involved Octopus Deploy in Deployment of the web application to the server
* Good experience in Healthcare industry and Hands on experience using **HIPAA** compliant EDI transactions especially 837I,837P,837D transactions.
* Experience in creating **Docker Containers** leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch.
* Ability to efficiently work with small teams, large teams, customers, partners and senior management.
* Ability to communicate effectively, willing to accept responsibility, and has excellent analytical and logical skills.

**TECHNICAL SKILLS:**

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| **Languages** | C#, VB.Net, C, Python, PL/SQL, T-SQL. |
| **Microsoft .Net** | ASP.NET Core 2.0/3.0//5.0/6.0,VB.Net 5.0/6.0, .NET Framework 4.0/4.5, C#.NET, ASP.NET, WCF, WPF, ADO.NET, MVC 3.0/4.0/5.0, AJAX, Web-services, Web API, ASP, Entity Framework, XAML, LINQ, Azure |
| **Web Technologies** | HTML 5, DHTML, CSS, ASP, XML, XSD, XSLT, JavaScript, AngularJS, Angular 2.0/4/5, React Js, Node Js, Octopus Deploy, jQuery, VBScript, Ionic Framework. |
| **Databases** | SQL Server 2005/2008/2008 R2, SQL, PostgresSQL, MongoDB |
| **Version Mgmt.** | GitHub, Visual Safe Source, Team Foundation Server, Surround SCM |
| **IDE/Platforms** | Visual Studio 2019/2017/2015, Visual Source Safe, Visio.  Windows, Linux, Mac, IIS 6.0/7.0/7.5 |

**Certification:**

**AWS Certified Developer Associate** (valid until Feb 2024)

**Professional Experience**

**State of CA (LAUSD), Remote Feb 2023 –Till Now**

**SR.NET Developer**

**Description:**

* Involved in all stages of Software development life cycle including Design, Analysis, development,
* Implementation, testing and support.
* Developed Front-End UI functionality using **React, Next** and **Antd** controls.
* Used Antd for layout as well as responsive design for varying screen sizes and devices.
* Created reusable components and services to consume REST API&#39;s using Component based architecture provided by React.
* Used Entity Framework Database First Approach for creating database Models.
* Application Project Loan calculation using **PostGreSQL**, **Vb.net, ASP.net, MS visio 2010, ireport** ,

Extensively using LINQ (LINQ to XML, LINQ to SQL), ADO.NET and T-SQL.

* Worked on Swagger API documentation for REST calls.
* Created MVC Controllers, Scope, Model, view, Services, Factory etc., which Isolate scopes perform operations in UI.
* Designing and Developing Microservices and Web Services using Restful Services.
* Used **JavaScript**, **Bootstrap**, **HTML5**, and **CSS3** for frontend development.
* Enhanced and developed UI functionality using **HTML**, **XML**, and **XAML**.
* Used Web API as an ideal platform in building Restful applications on .**NET** Framework.
* Used ASP.NET MVC Page Controller pattern to add functionality to individual pages such as to accept input from the page request, invoke the requested actions on the controller.
* Responsible for designing the **ASP.NET** application authentication using .**NET Framework, Model View Controller MVC** and **IIS security** model.
* Implemented View Model patterns/ in creating and managing Views, Partial Views, View Models, Web APIs using **ASP.NET MVC, Custom Error Pages**.
* Worked on Visual Studio 2015/ .Net CORE 1.0 Framework to implement Business Logic.
* Used multi-threading and multi-processing to improve the performance.
* Developed solutions leveraging **Microservices** architecture.
* Developed ASP.NET Core Web API based on departmental requirements and specifications.
* Developed several **SOAP** and **REST** API based internal tools to enhance quality and performance of existing code base and deployed in **Cloud Foundry**, **AWS** S3 and **Kubernetes**.
* Proposed and implemented branching strategy suitable for agile development in GIT.
* Implemented & maintained the branching and build/release strategies utilizing GIT.
* Responsible for design and maintenance of the GIT Repositories, and the access control strategies Built the CI/CD process from scratch.
* Created and consumed **ASP.NET** Web services and implemented REST full Web API/WCF services for service layer, created Action filters and Exception filters to implement REST API.
* Enterprise n-tier software agent using Windows Communication Foundation (**WCF**) web service hosted on IIS.
* Educated developers on how to commit their work and how can they make use of the CI/CD pipelines that are in place.
* Setup full **CI/CD** pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.
* Helped individual teams to set up their repositories in bit bucket and maintain their code and help them setting up jobs which can make use of **CI/CD** environment.
* Designed AWS Cloud Formation templates to ensure successful deployment of Web applications and database templates
* Worked on **MVC** test Project to create automated test for simple test cases and for input validation.
* Involved in UI Designing, Development and Testing of Web Forms using **ASP.NET, Vb.NET,**

**XML/XSD ADO.NET** and .**NET Framework**.

* Implemented Entity Framework Code First Approach with Repository Pattern and its implementation over the Business and Presentation layers.
* Developed solutions leveraging **Microservices** architecture.
* Involved in unit testing using **Nunit** testing and integration testing of the application and Heavily used LINQ to SQL to retrieve data from Server.

**Environment:** Visual Studio 2019, C#, ASP.NET MVC 5.0/4.5,.NET Core, Entity Framework 6.0/4.3, WEB API, Jenkins, Git, Sonarqube, JQuery, Microsoft Enterprise Library, Dot Net Nuke(DNN), IIS 7.0, HTML 5, DOM, DHTML, XHTML, Rest Web Services, LINQ to Entities, GitLib, AWS

**Morgan Stanley, Alpharetta, GA Dec 2021 –Jan 2023**

**SR.NET Developer**

**Description:**

* Participated in Agile Software Development Lifecycle including sprint planning and estimates.
* Developed dotnet core 6.0/5.0/3.0 background services to process incoming transactions using Apache Kafka to produce and consume messages.
* Implemented Single-Page Applications (SPA’s) using Angular 13/14, RXJS , NGRX store, JavaScript, Typescript and backed using C# dotnet core web API’s and microservices.
* Create custom workflow by overriding standard business logic using Python
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Created a Continuous Delivery process to include support building of Docker Images and publish into a private repository- Nexus v3.
* Converted legacy framework 4.6 application codebases into independent standalone dotnet core 6.0 applications.
* Added accessibility functionality and ensured WCAG compliance.
* Maintaining WCAG standards to make web contains accessible for all disabled people
* Worked on cloud computing using Azure which provides an API built on REST, HTTP, and XML that allows a developer to interact with the services provided by Microsoft Azure.
* Created Azure functions, Azure event Grid, Azure table storage and Azure Que Storage
* Used React-Autocomplete for creating google maps location search on the webpage Added Excel-Builder to download the Tabular data in Excel format using react.
* Extensive use of WebAPI, 3 rd party REST API, Sitecore API for various tasks, and prepared Helperclass for all common API operations.
* Experience working with Help Desk team and providing technical support via Octopus ITSM ticketsystem
* Rewrote existing frontend code to ensure it met WCAG 2.0.
* Performed Integration test, Unit test, Stress and Regression test with improved debugging standards
* Extensively used TDS for items synchronization between Sitecore and TFS inside Visual Studio
* Implemented SItecore MVC design pattern for developing the Web Application using MVC 4, 5. Developed, coded and reviewed MVC and Sitecore CMS changes
* Working Knowledge on WCAG 2.0(A & AA) and Section 508
* Implemented authentication and authorization using forms authentication based on user and roles for legacy pages and token-based authentication for securing Web API’S.
* Expert in designing web applications and web contents utilizing various Search Engine Optimization (SEO) techniques.
* Experience with the Azure logic apps with different triggers and worked on ISE environment in logic apps.
* Involved in application enterprise application turns, also done activities like creation of Sitecore package for each turn to move the items between different environments
* Worked on MVC test Project to create automated test for simple test cases and for input validation.
* Developed the Single Page Application (SPA) using React JS, Redux for module ensuring SEO Solutions
* Experienced in React JS and working with React Flux architecture
* Strong experience in design patterns WCSF, WSSF, MVC and MVPC patterns
* Involved to implement various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redux library.
* Experience with version control tools such as SVN, Visual Source Safe (VSS) and Team Foundation Server (TFS).
* Used Octopus for deployment of code and database
* Created the journalizing framework for reliable journalizing on IBM DB2 for iSeries tables utilizing triggers.
* Used Authorization filter and Exception Filter extensively in ASP .NET CORE MVC to implement authorization and authentication for controller actions, and to create custom exceptions respectively.
* Developed and maintained Web Forms with ASP.Net, ReactJS, IIS 7.0/6.0./5.0 and C#.Net.
* Developed several SOAP and REST API based internal tools to enhance quality and performance of existing code base and deployed in Cloud Foundry, AWS S3 and Kubernetes
* Single Page Application with loading multiple views using route services and adding more user experience to make dynamic by using Angular 6 framework and Node JS.
* Proposed and implemented branching strategy suitable for agile development in GIT.
* Involving in rewriting of JTS Medical module using Angular 6, Node.JS from Classic ASP and VB.Net.
* Lead a small group of developers and work in collaboration with senior developers on the team.
* Worked extensively with .NET Server Controls, JQ grid, Data Grid, Grid View controls and Forms Validation Controls and created numerous Custom Controls using ASP.NET.
* Expertise in using ADO.NET objects such as Connection, Command Object, Data Reader, Dataset Object and Data Adapter Object.
* Implementing Azure Logic Apps, Azure Functions, Azure Storage, and Service Bus Queues for large enterprise-level ERP Integration systems.
* I have used Aqua Data Studio provides a management tool for DB2 for iSeries with relational database capabilities and database query tool
* Experience with any of the following technologies: .NET Core, Amazon Web Services, Docker, Kafka, Spark, NoSQL databases
* Expertise in migrating ASP/VB to ASP.NET.
* Extensively worked ASP.NET MVC4applications using Database Code First Approach in Entity Framework 4.3/5.0, and UI in Razor View Engine and client side framework AngularJS, Bootstrap, HTML 5.

**Environments:** .NET Core 3.0/5.0/6.0, Entity Framework core, .Net Core MVC, ReactJ ,Angular 13/14, TypeScript, SQL, Apache Kafka, WCAG 2.0, Octopus, Docker, MVC, Sitecore ,AS400, AZURE DevOps, DB2 for iSeries, LINQ, IIS, NUnit, Agile.

**UPS, Mahwah, NJ Aug 2020 – Dec 2021**

**SR.NET Developer**

**Description:**

* Participated in **Agile Software Development Lifecycle** including sprint planning and estimates.
* Worked with advanced concepts of **ASP.NET Core MVC** such as **Models** and **Providers**, **Filters** used for developing backend technology.
* Optimized queries using **N1QL** for manipulating JSON data in **Couchbase** and used **Couchbase Cache.**
* Designed and developed reusable Components on **UI**(**Razor Views**) by developing the **Partial `Views**, **View starts**, and reusable components for implementing the business rules with **C#** and **OOPS** Concepts.
* Implemented **JWT Security** to provide **authentication** and **authorization** to secure the **Web API**.
* Rewrote some of the old application in WPF to Angular JS.
* Created views and partial views-UI and middle tiers for various modulus using **C#, MVC 6.0, HTML, CSS.**
* Developed web form clients in C# using Windows Presentation Foundation **(WPF) and XAML.**
* Worked in the environment require proper documentation, every feature is required with Feature Design Document (FDD) Software Design Document (SDD).
* Involved to implement various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and redux library.
* Build stable React components and stand-alone functions to be added to any future pages.
* Implemented React JS Controllers to maintain each view data
* Experience with **Microsoft Azure** Services like **IaaS and PaaS.**
* Converted .Net application to Microsoft **Azure Cloud Service Project** as part of cloud deployment.
* Developed the Single Page Application (SPA) using React JS, Redux for module ensuring SEO Solutions

**Environments:** .NET Core 2.0/3.0, Entity Framework core, .Net Core MVC, ReactJS ,Couchbase 6.0/6.5, AZURE DevOps, MVC,LINQ, IIS, NUnit, Agile.

**Baxter Healthcare Inc, Round Lake, IL May 2018 – July 2020**

**SR.NET Developer**

Working on Gateway software for medical devices, maintaining wireless connection with the medical devices and analyze the data and process from the messages published to **MQTT** by the pumps asynchronously.

* Analyze functional and business requirements.
* Worked with advanced concepts of **ASP.NET Core MVC(3.0/5.0)** such as **Models** and **Providers, Filters** used for developing backend technology.
* Implemented **MQTT** publish/ subscribe mechanism to maintain connection with Devices
* Implemented **JWT Token** based authentication to secure **the ASP.NET Core Web API,** **Service-Oriented Architecture SOA using the REST methodology** and provide authorization to different users.
* Made accumulations and performed CRUD operations on **MongoDB** utilizing Mongo Driver, **MongoBSON** and mongo Repository.
* Created multiple reusable components and services using **Angular 8/9**built-in and custom directives.
* Implemented user interface using **HTML**, **CSS**, **AJAX,** and **JavaScript**, **JQuery**.
* Created and consumed WCF services which are based on SOA architecture.
* Worked and documented Medical devices integrating and following **SACWIS**(Statewide Child Welfare Information System) and **CCWIS**( Comprehensive Child Welfare Information System) and FDA regulations
* Managed **Kubernetes** charts using **Helm**. Created reproducible builds of the **Kubernetes** applications, managed Kubernetes manifest files and Managed releases of Helm packages.
* Installation, integration and configuration of Jenkins **CI/CD**, including installation of Jenkins plugins.
* Designed and Developed multiple Micro-Services using Agile/Scrum Methodology with continuous integration/deployment (**CI/CD**) in SDLC process
* Used **Microservice architecture**, based services interacting through a combination of **REST** and leveraging **AZURE** to build, test and deploy Identity Microservices.
* Used Log Analytics service in **Azure** OMS to monitor cloud environment to maintain their availability and performance.
* Worked in the environment require proper documentation, every feature is required with **Feature Design Document (FDD) Software Design Document (SDD)**.
* **Used TFS** to connect with other developers in the team to maintain **code efficiency**

**Environments:** .NET Core 2.0/3.0, C#, MongoDB, MVC, AZURE, Spring Boot 1.4, ReSharper, LINQ, Docker, Kubernetes, Junit, Kendo, Agile.

**RND Group. Inc. Indianapolis, IN May 2016 – May 2018**

**Sr .Net Developer (WPF)**

**Responsibilities:**

* Involved in full life cycle of software development like **Requirement Analysis, Design, Implementation, and Testing.**
* Developed the application using **WPF, C#, MVVM, XAML, ENTITY FRAMEWORK, VISUAL STUDIO 2015/2017.**
* Worked with **C# XML serialization/De-serialization, design patterns, extension methods etc.**
* Worked with **SQL 2015/2017, Creating tables, Views, triggers and stored procedures.**
* Implemented View’s, View Model’s, Modules using MVVM architecture.
* Designed and Developed UI using **XAML.** Created some custom controls used in and across the application.
* Operation Contract, Service Contract, Fault Contract, Message Contract and Data Contract are implemented using different contracts from WCF Services and Configured the endpoints for various protocols communication.
* Used **ModelBase** and **ViewModelBase** classes and their inbuilt functions for validation of Model objects and Properties in **ViewModel** classes.
* Worked with **PRISM 6.0** using many features of prism like SHELL, Dependency Injection, **Bootstrapper** etc.
* Configured and implemented **log4net** error logging mechanism.
* Used **Surround SCM** as a source control **with VS integration.**
* Developed NUnit Test cases for Unit testing of the modules.
* I have involved in complex data migration and Integrations with Dynamics CRM.
* Migrated 15 **HIPAA** EDI projects from **BizTalk** 2006 using the HIPAA Adapter to BizTalk Server 2006 R2 using the Microsoft EDI pipelines
* Responsible for Managing the Configuration, Customization, Installation, Upgrade and Deployment of Microsoft **Dynamics** CRM 2015 and **Dynamic 365**.
* Worked with **FDA** regulations and preparation of proper documentation based on the **FDA regulations.**
* Worked with **HL7** standards, **HIPAA EDI** transaction, Clinical Documents.
* Worked in the environment require proper documentation, every feature is required with **Feature Design Document (FDD) Software Design Document(SDD).**
* Worked with **TCP/IP, Sockets** for integrating control module with the hardware.

**Environments:** .NET Framework 4.5, C#, XAML, HTML, Angular 2/4/5, MVC, MVVM, Prism 6.0, SQL 2015, ReSharper, LINQ, Entity Framework, IIS, NUnit , Agile.

**Tesla Diagnostics India Oct 2013 – Nov 2014**

**Role: .Net Developer**

**Responsibilities:**

* Involved in full life cycle of software development like **Requirement Analysis, Design, Implementation, and Testing.**
* Designed and Developed Web Application layer in **MVC** **5.0** using the Presenter model.
* Architected **WCF** Service as the business layer to communication with multiple application using the common business functionality and Data Source.
* Developed stored procedures, functions, triggers using SQL and T-SQL in **SQL Server** **2012** for fetching data and binding.
* Generated periodic reports from the cube based on the statistical analysis of the data using SQL **Server Reporting Services (SSRS)**
* Involved in Production support with Deployment of the **SSIS Packages** and schedule **SSIS packages** using SQL Server Agent Job.
* I have involved in complex data migration and Integrations with Dynamics CRM.
* Configured and implemented **log4net** error logging mechanism.
* Used Angular 4 and Node.JS to structure JavaScript code in an MVC (Model, View, and Controller)
* Using Service Bus Queues for communication in multi-tier **Azure** application
* Develop user interface by using **Telerik** Kendo UI, jQuery, JavaScript, Json, AJAX, and HTML5.
* Demonstrated experience with **REST full services, WCF and other Web Services technologies** (WSDL, SOAP, JSON, XML, XSL, and serialization.
* Involved in documentation like **System Design and Architecture Document (SDAD), Interface Design Document (IDD) and Software Design Document (SDD)** to a Thick Client application.
* Extensive use of **LINQ** and **Entity Framework** to develop **data layer**.
* Projects Web application for Credit Risk Management Banking Transactions and Reports.
* Reports Financial Reports Credit Portfolio Debit Portfolio Portfolio of Securities Balance Statistics Reports.
* **Used TFS** to connect with other developers in the team to maintain **code efficiency**

**Environments:** .NET Framework 1.1/2.0/3.5/4.0/4.5, C#, MVC 5.0, Web Services, HTML, CSS, XML/XSL, AJAX, JQuery, JavaScript, AngularJS 1.0/2.0, Bootstrap, Azure, Service bus, NodeJs, TFS, SQL Server 2012, SSIS, SSRS, WCF, Telerik grid, Gherkins, SpecFlow, LINQ, Entity Framework, IIS, NUnit, Agile.