**SAI RAVI TEJA PODDATURI**

**Sr. Full Stack .Net Developer**

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**Professional Summary:**

* Having around 8+ years of professional experience in all stages of SDLC (Software Development Life Cycle) involving studying of the user requirements, analyzing, designing, coding, implementation, debugging, testing, deployment, and documentation across diverse industries / work environments.
* Proficient in Object Oriented programming languages (OOPS), Model View Control (MVC) and Test-Driven Development (TDD), C#, ASP. Net, .NET Core, SQL Server, VB.NET, ADO.NET, Entity Framework, and java script, jQuery, Angular, Web API (Restful Services)
* Extensive experience using Visual Studio .NET platform and Experience in designing and branding Master Pages utilizing Server Controls and CSS3
* Experience in developing User Interfaces using AJAX, HTML5, CSS, JavaScript, jQuery, BootStrap and Web UI applications, Angular.
* Extensive experience with Web technologies like ASP.NET, VB.NET, Web Services, HTML, ASP, XML, JavaScript, Ajax, Kafka.
* Experience in Source Safe tools such as TFS and GIT
* Good understanding of web application deployment and maintenance of IIS Server and Amazon Web service (AWS)
* Excellent Experience in developing N-Tier applications including, Presentation, Business, Data Access and Web Service layers
* Used Kendo UI, Bootstrap, and JQuery libraries for more productive web design.
* Good experience on developing the UI pages using Angular 2/5, HTML5, CSS3, JavaScript, and Bootstrap.
* Worked with Angular 5 to develop single page applications and worked with NgRx for managing Angular applications.
* Hands on experience in Azure Development, worked on Azure web application, APIservices, Azure SQL Database and Azure Functions.
* Manage the Windows Azure infrastructure for our customers depending on their requirement.
* Good experience with HTML5 and CSS3 for making mobile environment using Bootstrap.
* Developed database applications using C# with SQL Server and Microsoft Access as the databases using ADO.NET Components
* Designed SQL Databases using Entity Framework
* Build web applications based on ASP.NET technologies
* Good experience in developing n-tier Web Applications
* Knowledge of SQL and Oracle Relational Database Management System (RDBMS).
* Expertise in Client-Server application development using Oracle 11g/10g and SQL
* Used Dependency Injection with Singleton pattern for Application-level Services.
* Have a good experience with Client/Server programming
* Self-motivated and possess ability for critical thinking, analysis, good interpersonal and communication skills
* Analyzed technical requirements based on sprint planning and develop effective technical solutions for the web applications
* Flexible, enthusiastic, and project-oriented team player with excellent communication skills to develop creative solutions for challenging client needs.
* Good exposure on agile/Scrum Methodologies
* Worked various industries projects like Insurance, Telecom/ Internet Based and Banking &Transaction related applications.

**Technical Skills:**

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| Web Technologies - C# and .NET MVC, Asp. Net, Web Services, SOAP, Web API, IIS |
| Frameworks - .NET, ASP.NET 3.5/4.0/4.5,5.0, ADO.NET, LINQ, MVC 3,4,5, Entity Framework5, 6.0, Ionic Framework, .NET CoreProgramming Languages- C, C++, C#, .net, JCL, Razor, VB.Net, COBOL |
| Data bases - SQL Server 2012/2014/2018, Oracle 11g, MongoDB |
| IDE - Visual Studio 2007/2010/2015.VS Code |
| UI Technologies - Html, Java Script, Angular 5&8, Ajax, CSS, jQuery, Bootstrap, SASS |
| Web Servers - Internet Information Server (IIS), TFS (Team Foundation Server), Windows 2008R |
| Design Methodologies - OOAD with UML, Design Patterns, Flow charts |
| Platforms - Windows 7, Windows 10, IOS |
| Cloud Platforms - Azure, AWS |

**Professional Experience:**

**Giant Eagle, Pittsburg, PA April 2022 to Present**

**Role: .NET Full Stack Developer**

**Project Description:**

At Giant Eagle, I served as .Net Full Stack Developer where I led the development of an enterprise-level Single Page Application (SPA) and user dashboard using Angular 14 in an Agile/Scrum environment. Responsibilities included designing the application architecture with Microservice principles, implementing full-stack features with C# and ASP.NET, and enabling asynchronous communication between microservices using Azure Service Bus. Testing involved Jasmine, Karma, and Protractor for unit and end-to-end testing. Utilizing Azure DevOps for project tracking and GIT for version control, the project successfully delivered a feature-rich SPA.

**Responsibilities:**

* Engaged in Agile/Scrum methodology, participating in Sprint Planning, Daily Scrums/Standups, Sprint Check-In, Sprint Review & Retrospective.
* Participated in the development of a Single Page Application and the user dashboard using Angular 14, Blazor web assembly.
* Implemented various full-stack features, including RESTful APIs with C# and ASP.NET Web API 2, server-side views with C# and ASP.NET MVC 5, and dynamic client-side interfaces using Ajax, JSON, jQuery, and Angular.
* Designed the application using Microservice Architecture to achieve loose coupling and design patterns.
* Involved in the development of SOAP-based XML Web Services
* Created controller and service methods using Test Driven Development (TDD).
* Developed and executed test cases using Jasmine and Karma for unit testing, used Protractor and Http-Server for End2end testing.
* Designed API endpoints using .NET Core.
* Used Azure DevOps to track application status and code utilization.
* Setting up Jenkins pipelines to build and deploy microservices to Azure Kubernetes Service.
* Enabled asynchronous communication between multiple web services through Azure Service Bus.
* Worked with the distributed version control system/GIT, including feature branches, rebasing, and merging.
* Worked with MuleSoft Anypoint API Platform for implementing REST APIs
* Engaged in Serverless services (Azure Functions), creating and configuring HTTP Triggers in Azure Functions with Application Insights for monitoring and conducting load testing on applications using VSTS.
* Developed Azure Functions and services based on client requirements.
* Integrated Kafka for event-driven communication between the systems to enhance customer satisfaction.
* Created middleware component classes and WCF services and integrated in UI using MVVM pattern
* Created DOM Objects, jQuery methods, and CSS Classes for MVC Views.
* Completed tasks based on sprints, actively participated in Sprint review meetings, and followed Agile methodologies.
* Conducted Regression analysis quarterly and performed BVT testing on transactions.

**Environment**: Visual Studio 2022, Sql2022, Angular 14, ajax, Json, jQuery, C#, .NET Core, ASP.NET, .NET MVC, Bootstrap, HTML 5.0, CSS, xml, wcf, kafka, MVVM, Unit testing, Web API, LINQ, SOAP, TDD, Jenkins, Kubernetes, Protractor, Jasmine, Karma, Git, Azure DevOps, Azure, Blazor Web Assembly

**Chewy, Dania Beach, FL August 2020 to March 2022**

**Role: .NET Full Stack Developer**

**Project Description:**

Led as a Full-Stack Developer in the design and development of a .NET MVC application, focusing on UI screens implemented with Angular, HTML, and Bootstrap. Contributed to the creation of models, implemented API endpoints using .NET Core, and employed Docker ORM for containerization. Leveraged Azure DevOps and GIT for tracking, version control, and collaborative development. Integrated Amazon S3 for image storage, executed SQL operations, and established a robust DevOps pipeline with Jenkins and AWS CI/CD toolsets.

**Responsibilities:**

* As a Full-Stack Developer, responsible for the design and development of UI screens using Angular, HTML & Bootstrap.
* Used the Scrum Framework for development and release activities. Actively participated in Sprint Planning, Daily Scrums/Standups, Sprint Check-In, Sprint Review & Retrospective.
* Conducted code reviews to enhance product quality.
* Worked on a .NET MVC application with an ORM Framework. Contributed to the creation of new models for entities, writing mappings based on UML diagrams/design architecture.
* Designed and implemented API endpoints using .NET Core. Experienced in Docker ORM for containerization.
* Used Azure DevOps to track the application status and code utilization.
* Developed controller and service methods using Test Driven Development (TDD). Adding attributes to the tool and Json Request message responses and mapping them into corresponding response objects.
* Worked with the distributed version control system/GIT, including feature branches, rebasing, and merging.
* Created DOM objects, jQuery methods, and CSS classes for MVC Views.
* Developed visual components through WPF
* Displayed images and screens from Amazon S3 using the .NET-based AWS SDK.
* Used SQL for DML operations, created Stored Procedures, and various join statements while JSON Web Token (JWT) for server side user authentication
* Monitor traffic using Avaya Experience Portal.
* Practiced TDD, developing test cases using N Unit for unit testing in each module.
* Completed tasks based on sprints and actively participated in Sprint review meetings, following Agile methodologies.
* Participated in regression analysis on a quarterly basis.
* Used JIRA and Bamboo tools for defect management and resolution of software issues.

**Environment**: Visual Studio 2019, Sql2018, TFS, Amazon S3, Angular 11, Bootstrap, HTML 5.0, CSS, jQuery, .NET Core, Asp. Net MVC, N Unit, Web API, xml, TDD, Jenkins, AWS, Git, Docker, Kubernetes, JIRA

**Ace hardware, Oak Brook, IL May 2018 to July 2020**

**Role: Full Stack Developer**

**Responsibilities:**

* Develop an Angular 7-based application using MVC and Restful services.
* Apply OOPS Concepts and SOLID principles in C# 4.0 to implement code behind view models.
* Construct the UI with Bootstrap, HTML5, TypeScript, and SASS. Utilize Angular CLI extensively for creating components, services, pipes, and directives.
* Display images and screens from Amazon S3 using the .NET-based AWS SDK.
* Implement a DevOps pipeline using Jenkins and AWS CI/CD toolsets. Deploy applications into multiple environments using Jenkins.
* Worked with advanced .NET Core concepts such as Models and providers for backend development. Migrate customer accounts using SQL Stored procedures.
* Display application data based on third-party web services. Create multiple Angular components based on customer information pages.
* Follow agile methodology and adopt Test Driven Development (TDD) and Scrum practices.
* Use Bootstrap for creating templates, forms, textboxes, dropdowns, and navigation bars.
* Use Data Dog to monitor the health of application logs, Git for repositories and branch creation.
* Worked on CRUD operations using NoSQL
* Used Crystal Report Viewer control component to view the reports with PDF
* Design and develop Microservices for business components using the .NET framework.
* Lead and train the team to follow Scrum based on project or user story requirements.

**Environment**: VS2019/17, Sql2018, TFS, Git, Type Script 3.1, Bootstrap, HTML 5.0, CSS, Visual Studio Code, unit testing, Bit Bucket, Source tree, Web API, Data Dog, TDD, Jenkins, Azure, NoSQL, Visual Studio 2019, .NET Core 3.0.

**Brio Technologies Private Limited Hyd India October 2016 to February 2018**

**Role: Sr .NET Developer**

**Responsibilities:**

* Build the application using the Ionic framework with Angular modules and interact with the database through Web API calls.
* Develop the user interface using Bootstrap, HTML5, ASP.NET, VB.net, Ionic, TypeScript, and SCSS.
* Design the user interface components by using Telerik Kendo UI.
* Created a payment mechanism using third-party modules, such as the Clover mechanism for transactions on iPad.
* Implement routing within the application based on specified requirements like URL or path.
* Incorporate client-side validations in the application.
* Used Ionic framework for building most of the UI-related components.
* Used Visual Studio Code and .NET Core 2.1 Framework in an N-tiered application with Angular 5 and SPA front end.
* Use jQuery to create DOM objects, employ Bootstrap to create all UI tools.
* Handle UI and database operations through a Components and model-based approach.
* Configure Azure Application Insights for application performance management.
* Perform testing using UNIT Testing.
* Accomplish tasks in a sprint-wise manner, participating in Sprint meetings and following Agile methodologies.
* Use Bitbucket for merging the current branch to master and master to the local branch.

**Environment**: Ionic Framework, Angular 5, ASP.NET, VB.net, Telerik Kendo UI, SCSS, TFS, Git, .Net Core2.1, Type Script, Bootstrap, HTML 5.0, CSS, Visual Studio Code, TDD, Unit testing, Bit Bucket, Oracle, Azure, Source tree, MVC Web API.

**Dhruvsoft Services Private Limited, Hyderabad, India June 2015 to September 2016**

**Role: Sr .NET Developer**

**Responsibilities:**

* Develop the application using MVC approach, Entity Framework, and interact with database through web API
* Build UI using Bootstrap, HTML5, C#, CSHTML, JavaScript, ASP.NET, VB.net, TypeScript, and jQuery.
* In jQuery created DOM objects for calling and implementing user methods.
* Used Bootstrap version 4.2.1 to design templates, forms, textboxes, dropdowns and navigation bars.
* Manage UI and database operations through the Model-View-Controller (MVC) approach.
* Generate DOM objects, jQuery methods and CSS classes to enhance MVC Views.
* Used LINQ to Entities extensively to query and filter the models to be displayed on view.
* Optimize performance by using Ajax calls in CSHTML files.
* Implement a de-coupled architecture and Inversion of Control (IoC) principle with Dependency Injection.
* Conduct testing using NUNIT Testing.
* Experienced in database optimization including stored procedures, joins, views, cursors and SQL development.
* Develop database operations and CSHTML code to address business logic equations within Controllers using C#.
* Used Agile methodologies to complete tasks based on sprints and attend Sprint review meetings.
* Manage code using Team Foundation Server (TFS) and handle branching within Visual Studio.
* Perform Static Application Security Testing (SAST) and Dynamic Application Security Testing (DAST) scans to resolve the errors in application.

**Environment**: MVC 5.2.5, Sql2014, Entity Framework 6.0, C#, TFS, JavaScript, JQuery, Type Script, Bootstrap 4.2.1, HTML 5.0, CSS, Json, Ajax, Visual Studio 2015, .Net 5.0 Framework, ASP.NET, VB.net, LINQ, Nunit testing, MVC Web API, IIS 10.

**Education:**

Bachelor of Technology in Computer Science - MRCE