VAMSI VEMURI

Tampa, Florida. Email Id: vemuri.vi@gmail.com Mobile:575-520-9784

PROFESSIONAL SUMMARY

- Over 12 years of IT experience specializing in .NET Core/Framework, C#, VB.NET, ASP.NET MVC, Web API, Win forms, WCF, ADO.NET, NHibernate, Entity Framework, Dapper, SQL Server, Oracle.
- Skilled in web development technologies including Angular 15, Vue JS, JavaScript and Blazor.
- Proficient in writing Reusable components for interactive and responsive web applications using state management in React JS.
- Experienced in developing/consuming WCF (Windows Communication Foundation) and REST API (ASP.NET Web API) services and experienced in writing Automated Unit Test Cases using MS UNIT, NUNIT with MOQ Framework.
- Designed and implemented DDD/Event-driven/ Pub-Sub microservices using .NET 6, Azure Function apps, Azure Kafka and RabbitMQ for large-scale enterprise applications, leading to improved scalability and maintainability.
- Utilized Docker and Kubernetes to containerize and orchestrate microservices, streamlining deployment processes and reducing infrastructure overhead.
- Spearhead the migration of existing applications from On-Premises to Azure, ensuring a smooth transition and minimal disruption to operations.
- Experienced upgrading initiatives for the current application portfolio, implementing the latest technologies and best practices to enhance overall performance and functionality.
- Experienced in writing UI Automated Test Suites using Selenium and Coded UI and writing BDD Tests using Spec-Flow with NUnit.
- Strong knowledge in RDBMS and experience in writing SQL scripts, Stored Procedures, User Defined Functions and Triggers for SQL Server 2012/2014/2016 and Oracle 9i/10g/11g.
- Worked on CI/CD tools like Azure Devops, Jenkins, TFS, GitHub, Teamcity, BuildMaster, Octopus, JFrog Artifactory.
- Worked on Azure cloud tools like Redis Caching DB, SQL on Azure, Application Insights, Web jobs, Blob storage, etc.,
- Experience in Power BI, SSIS..
- Provide leadership and mentorship, conduct code reviews, ensure coding standards adherence, collaborate with stakeholders to translate business requirements into technical solutions, and drive project success.
- Experienced leading team of developers that includes offshore team coordination and experienced with Jira, Rally, TFS for issue management and bug tracking.
- Managed and optimized incident management processes using ServiceNow, Jira Service Management, and BMC Remedy to enhance efficiency and streamline operations.
- Experience writing Software Design and Technical Documents by analyzing requirements and made Knowledge transfer contribution through videos and documents in Team Wiki, MS Teams.Education

EDUCATION

Master's degree in computer science from Stratford University, Virginia, USA, 2012.
Bachelor's degree in computer science from JNTU, Hyderabad, India, 2010.

CERTIFICATION

- AZ-900: Microsoft Azure Fundamentals
- C# Foundational from Microsoft/FreeCodeCamp

TECHNOLOGY SKILLS

Category	Technologies
.NET Technologies	ASP.NET MVC, WEB API, WCF, C#, VB.NET, WINFORMS, WPF, Entity Framework, NUNIT, SharePoint Online (SPFx)
Web Development	Angular 15, Blazor, React JS, Vue JS, Razor, ASP.NET MVC, JavaScript, HTML5, CSS, ASP.Net Web Forms, Bootstrap, PowerApps
Development Tools	Visual Studio 2022, VS Code, Microsoft Visio, Microsoft Team Foundation Server, Rational Rose, UML, Microsoft Office Visio, Toad, Oxygen 2010, Beyond Compare, Jenkins, SSMS, VMWare, Rally, GitHub, Team City, BuildMaster, MS Teams, Google Chat

Category	Technologies
Daatabases	MS-SQL, Cosmos DB, Azure SQL, Oracle, DB2, MySQL, Mongo DB, REDIS DB
DevOps	Azure DevOps, TFS, Teamcity, SONAR Qube, Jenkins, Docker, VMWare, BuildMaster, GitHub, Bamboo, Jira, Rally, Bitbucket, Octopus Deploy, Docker, Kubernetes, Azure
Scripting	PowerShell

PROFESSIONAL EXPERIENCE

Senior Lead .Net Developer at United Parcel Service Inc, (Remote)   **June 2024 – Present**
- Worked on ASP.NET Web API in .NET 8 Frameworks with Fire tore DB and CouchDB using ONION Architecture.
- Worked on .NET 8 Microservices that handles GCP PUB/SUB topics that writes into GCP Bigtable.
- Worked on .NET 8 REST API's that handles reading data from GCP Bigtable to Firestore DB.
- Worked on Web applications using Angular 17 with typescript, RXJS and Material UI.
- Implemented REST API with Fluent Validation, core dependency injection, SOLID principles, Polly Library and Swagger Documentation.
- Implemented NgRx for efficient state management, reducing redundancy and increasing code maintainability across large applications.
- Proficient in writing Unit Test Cases and Integration tests using NUnit Testing Framework.
- Participate in all Agile/SCRUM Ceremonies such as creating user stories, sprint planning, and sprint retrospectives.
- Worked on Azure DEVOPS for source code repositories and sprint ceremonies.
- Deployment is in Openshift with Jenkins and GCP with Teraform templates.

Environment: .NET Core, ASP.Net MVC, Web API, Angular 17, C#, LINQ, JavaScript, HTML, CSS, NUnit, TFS, Moq, GIT, Firestore DB, GCP PUB/SUB,

Senior Lead .Net Developer at Insurance Auto Auctions, Chicago, IL   **Sep 2020 – MAY 2024**
- Worked on ASP.NET Core Web API Microservices with MediaTR, Entity Framework Core in .NET Core 3.1 and .NET 6 Frameworks using ONION Architecture.
- Worked on developing dynamic and responsive web applications using cutting-edge technologies such as Vue.js, Blazor and Angular 15.
- Worked on React components with Redux state management, AXIOS as HTTP client library to integrate with RESTful API's.
- Worked on migration of existing applications from On-Premises to Azure, ensuring a smooth transition and minimal disruption to operations.
- Experienced in upgrading applications from .Net Core 2.1 and 3.0 applications to .NET 6 framework and rewriting legacy code into modern technologies.
- Implemented an event-driven microservices architecture using .NET Core and Azure Service Bus, improving system scalability and responsiveness.
- Worked on Azure function apps along with RabbitMQ on Azure for REST microservices.
- Experience with Azure A2D Authentication, Identity Policies, Key Vault, Okta Users API.
- Designed and developed microservices to handle specific business domains, leveraging Domain-Driven Design (DDD) principles for effective modeling.
- Worked on Azure Service Bus as the event broker to facilitate communication between microservices, ensuring loose coupling and enabling asynchronous processing.
- Worked on Kubernetes for container orchestration, resulting in streamlined deployment processes and efficient resource utilization.
- Worked on .Net Core Worker Services to Schedule and run Batch jobs using CRON notations.
- Developed Web applications in Blazor UI framework (MVVM approach) and Vue JS 3.
- Worked on WCF services and T-SQL on backend to Sync with Android front end SQLite database.
- Worked on fixing Veracode static scanned vulnerabilities and flaws to improve application security.

- Proficient in writing Unit Test Cases and Integration tests using NUnit Testing Framework.
- Worked on Azure DEVOPS for source code repositories, CI/CD pipelines and releases.
- Utilized SharePoint Online (SPFx) for creating and managing custom web parts within the company's intranet, enhancing collaboration and workflow efficiency.
- Developed and integrated PowerApps solutions to streamline business processes, enabling robust data collection and reporting within Azure-hosted applications.
- Implemented Power BI Embedded to embed interactive reports and dashboards directly into web applications, providing stakeholders with real-time insights without leaving the application environment.
- Participate in all Agile/SCRUM Ceremonies such as creating user stories, sprint planning, and sprint retrospectives.
- Writing ARM templates to set up infrastructure projects for various applications to use Application Insights, Azure Traffic Manager, Storage Accounts.
- Worked on Migrating Azure Search to Azure Cosmos DB.

Environment: .NET Core, ASP.Net MVC, Web API, Angular 15, Vue JS, Blazor, C#, Windows Service, Core Entity Framework, LINQ, JavaScript, HTML, CSS, NUnit, TFS, Moq, GIT, Cosmos DB Power BI, Azure Devops with GIT

Senior .Net Lead Software Engineer at Mastercard Inc, St Louis, MO   Feb 2020 – Aug 2020
- Worked on ASP.NET Core Web API Microservices with Entity Framework and Dapper ORM's with Oracle as backend in C# (.NET Core 3.1).
- Proficient in writing Unit Test Cases and Integration tests using NUnit Testing Framework.
- Written Rest API Automation in BDD using Gherkins Framework, Performance Tests using BenchmarkDotnet and Load Tests using WebSurge with NUnit and C#.
- Worked on CI/CD Tools like Bitbucket, Git, TFS, Jenkins, Rally, JFrog Artifactory.
- Built Data Access Layer on Repository pattern with Fluent API, core dependency injection, SOLID principles, Swagger Documentation.
- Worked on .Net Core Windows Services to schedule daily and monthly processing of jobs with CRON expression.
- Participate in all Agile/SCRUM Ceremonies such as creating user stories, sprint planning, and sprint retrospectives.
- Worked on Azure Data Factory for Cloud ETL transformations and Azure Data Lake analytics to analyze user logs.

Environment: .NET Core, ASP.Net MVC, Web API, C#, Windows Service, Core Entity Framework, LINQ, Oracle, JavaScript, HTML, CSS, NUnit, TFS, Moq, GIT, Azure Data Factory, Azure Data Lake.

Team Leader at Global Payments Inc, Jeffersonville, IN   Apr 2019 – Jan 2020
- Worked as a team lead responsible for both development and testing on Rewriting MVC web applications to Vue JS/Web API (.Net Core) micro services applications.
- Worked on Web Development Using ASP.NET MVC 5 Razor, C#, Vuetify, Angular 6 with Typescript, Vue JS, JavaScript, CSS and HTML5 to develop functionalities in client applications.
- Worked on writing WEB API Micro services in .NET Core framework with Entity Framework with Fluent API with SQL SERVER as backend in Domain Driven approach.
- Actively participated in sprint planning & backlog grooming sessions, interacted with business analyst and product owner to understand the requirements / features / user-stories and provided effort estimation.
- Conducting code reviews and test case reviews; collaborating with the development & testing team to govern adherence to programming and documentation standards.
- Worked with Release Manager for enabling the Continuous Integration, Continuous Delivery model, implementing error proofing techniques and improving team delivery and efficiency using tools such as TeamCity, Buildmaster, TFS, Datadog, Octopus.
- Presenting final demos to stakeholders and supporting production deployment including post-production defect monitoring during warranty period.
- Participated in proof-of-concept initiatives as requested by Solution Architect in their vision to introduce newer technologies or implement architectural changes based on evolving business needs of the Sales Department to keep up with the market.

- Track and report daily and weekly status of the project including delivery, risks, issues and mitigation plan to client stakeholders.

Environment: .NET Core, ASP.Net MVC, Web API, C#, Core Entity Framework, LINQ, SQL Server, Vue JS, Angular 6, JavaScript, HTML, CSS, TFS, Moq, GIT

Senior .Net Software Engineer at BCBS of Nebraska   **Nov 2018 – Apr 2019**
- Worked in Medical EDI Claims (837) and Prior Authorization Web Applications and Web services.
- Worked on Web Development Using ASP.NET MVC 5 Razor, C#, Bootstrap 3, AngularJS, JavaScript, CSS and HTML5 to develop functionalities in client applications.
- Worked on writing WEB API services with Entity Framework Code First approach using SQL DB in .NET Core framework and worked on writing Automated Unit Test Cases using XUNIT with MOQ Framework.
- Used AutoMapper framework to map View-Model to DTO objects, TFS and GIT for source code management and worked on Azure Application Insights for logging mechanism.
- Worked on mentoring and leading junior developers.
- Involved in brainstorming, grooming, planning stories to build EDI testing application.
- Used Visual Studio 2017, SQL Server Management studio for development of new functionalities.

Environment: .NET Core, ASP.Net MVC, Web API, C#, Core Entity Framework, LINQ, SQL Server, Angular JS, JavaScript, HTML, CSS, TFS, Moq, GIT

Senior Software Development Engineer at CSGI Intl., Omaha, NE   **Sep 2016 – Nov 2018**

- Worked in Advanced Customer System Representative Windows Application and its Web Applications.
- Worked on several web applications Using ASP.NET MVC 5 Razor, C#, Bootstrap 3, Angular2 with TypeScript, jQuery, JavaScript, CSS and HTML5.
- Worked on Windows Development using Win forms, DevExpress Controls.
- Worked on writing Automated Unit Test Cases using MS UNIT, NUNIT with Rhino Mock Framework.
- Worked on writing Automated Test Suites using Selenium and Coded UI.
- Worked on POC for writing Python Automated scripts, creating CHEF nodes on Ruby, saving docs into NoSQL Mongo DB.
- Worked on WCF, WEB API services and wrote their BDD Tests using Spec-Flow with NUnit.
- Worked on converting old MFC/C++ forms to Win forms.
- Experience in database design and development using SQL Azure, Microsoft SQL Server.
- Developed interactive Power BI dashboards for executive-level reporting and decision-making.
- Worked on creating Azure Blobs, Azure Service Fabric micro services, Azure web jobs.

Environment: WinForms, ASP.Net MVC, C#, NHibernate, LINQ, SQL Server, XSL-FO, AJAX, JavaScript, jQuery, HTML, CSS, TFS 2012, Rhino Mock, Jenkins, Power BI, Fisheye, Jira, Angular, TypeScript

Senior .Net Developer at Charles Schwab, Austin, TX   **Feb 2016 – Sep 2016 &**
                                                       Jul 2013 –Jan 2015
- Worked on 401k Web and C# Library applications using ASP.NET Web Forms, VB Script, ASP.NET MVC 5, C#, Bootstrap 3, JavaScript, CSS and HTML5 to develop functionalities in Distributions.
- Worked on developing Test Application for backend class libraries Black Box Testing, Refactored the code to remove hidden dependencies for TDD, Written Automated Unit Test Cases using MOQ Framework.
- Worked on XSL-FO (XSLT), Oxygen to render PDF formatted reports for 401k Paperwork and worked on ADO.NET, LINQ, C#, XML, ASP.NET to develop functionalities in SIA 2.0
- Worked on writing Software Design Document for new use cases by analyzing requirements and Auditing Unit Test Results and Giving Transition to QA.

Senior .Net Developer in United Parcel Service   **Feb 2015 – Dec 2015 in Wayne, NJ &**
                                                  Apr 2012 - June 2013 in Scranton, PA
- Worked on Fraud Prevention System rewrite from ColdFusion to ASP.NET MVC Razor, C#, ADO.NET, Bootstrap 2, jQuery, JavaScript, CSS and HTML 5 and worked on Configurable rating system.

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- Written HTML Extension Methods for Razor Binding and custom controls. Implemented Ajaxified web pages using JSON, jQuery Scripting with Local Storage.
- Implemented Application Code keeping in sense of SOLID and DI with Ninject IOC container and wrote Stored Procedures/Functions/Triggers in SQL Server using T-SQL
- Implemented end-to-end ETL solutions using SSIS, including data extraction, transformation, and loading for a variety of business processes.

.Net Developer Affinion Group   **Feb 2011 – Apr 2012**
- Worked on Lloyds TSB Web applications developed using .Net Technologies such as Asp.net web forms, jQuery, AJAX, JavaScript, C#, ADO.NET, CSS and HTML.
- Worked with SQL Server Integration Services (SSIS) and Crystal Reports and created Stored Procedures/Functions/Triggers in SQL Server using T-SQL
- Used TFS for the Source repository and version Control and created Design Documentation foreseeing the changes and to identify problems.