**Srinivasulu Madala**

.NET Full Stack Developer, Senior Cloud Engineer

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**Microsoft Certified Seasoned Software Engineer** with extensive experience in **full life cycle of software development** process including requirements gathering, design, coding, testing, debugging, deploying and maintenance. Experience in working with in **multi-culture teams from various countries, including USA and India.**

 **Profile Summary**

* .NET Full Stack Developer and Senior Cloud Engineer with 15+ years of experience in the IT industry. Proven ability to design, architect, and implement cloud-based solutions. Expertise in .NET web development, Azure Cloud Platform.
* Excellent communication and collaboration skills, which allow me to work effectively with cross-functional teams, including developers, project managers, and stakeholders.
* Managed several projects from inception to completion, along with my leadership skills, enables me to mentor and guide junior engineers to achieve project goals.
* Blend of Microsoft Azure combined with .NET web development, enables me to design and deploy cloud-based solutions that are tailored to meet the specific needs of each client.
* Experienced in optimizing SQL queries through query profiling, indexing, and rewriting techniques, resulting in up to 90% performance improvement and cost savings for organizations.
* Expertise in DevOps practices, automation tools, and agile methodologies
* Successfully managing multi tenanted client projects related to **VUE Software product** that is being used by more than 1 million users.
* **Client-centric, multi-functional expert**: capable of managing / coordinating large number of key clients for the organization; also successfully developed & delivered customizations to support complex business requirements.
* **Experience** in integrating with Guidewire Policy Center, IVANS, PDB/NIPR and Salesforce systems with VUE Product
* Work experience in Life, Health, Property & Casualty Insurance Suite, Agency Management systems, Compensation Management, Self-Service Portal, Data Analytics, Producer Compliance, and Agency Onboarding.
* Achievement-oriented professional with excellent multi-cultural people management skills and capability to manage change with ease.
* Accomplished problem-solving and analytical skills, coupled with the ability to upskill and adapt to the latest technologies.

 **Technical Skills**

**Cloud:** Azure APIs, Functions, Durable Functions, VM, DevOps

**Web Technologies:** ASP.NET Core, MVC, Web API, Entity Framework, HTML 5, CSS 3, XML, JSON, Kafka

**Windows Technologies:** WinForms, Windows Services, Multi-threading

**Programming Languages:** C#, VB.NET, SQL, T-SQL, PL/SQL, Razor, PowerShell, Terraform

**Architectural Styles:** Layered(N-Tier), REST and Microservices

**Scripting Languages:** Angular, TypeScript, JavaScript, JQuery

**Software Tools:** Bamboo**,** Team City, Rally, Jira, Visio, Tidal, Confluence, Splunk, Datadog

**Database Technologies:** SQL Server, Oracle, DB2

**Version Control Tool:** GIT, TFS, VSS

**Methodologies:** Agile and Scrum, TDD

 **Work Experience**

**Client: Elevance Health, Inc (Anthem), VA, USA**

**Dec’23 – Till date: Sr. Technical Lead**

**Project: GBD Cloud Migration – MF2**

**Description**: Migration Factory 2 project is for migrating the GBD applications to Azure cloud. As part of MF2 migration all 140+ GBD applications are modernized and migrated to azure cloud, also created the pipelines for IaC for infrastructure, and CI & CD pipelines for both Application and database.

**Environment:** ASP.NET MVC, Web Forms, Web API, C#, GIT, Visual Studio 2022, Microsoft Azure Services (Azure VM, Azure Web Apps, Azure SQL Server and other common resources), Terraform, Bamboo, .NET Core 7/8, OKTA, HashiCorp Vault.

**Implementation Responsibilities:**

* Enhance the existing application to use latest framework.
* Integrating the app with HashiCorp vault for getting the vault secrets.
* Integrate the Azure VM with Splunk for application logs.
* Integrate the with data dog for VM monitoring
* Add functionality to use the secure email service (proof point email)
* Integrate with OKTA for authentication/SSO
* Created the PowerShell script for middleware install in Azure VM like .NET framework, Splunk agent etc.
* Create the PowerShell script for app configuration like Web App-pools, web sites etc.
* Responsible for collaborating with cross-functional teams such as product owners, designers, and quality assurance (QA) engineers to ensure the successful delivery of projects.
* Responsible for Azure Resource provision with Terraform
* Responsible for the CI/CD for all the projects deliverables.

**Apr’09 to Sep’23: Vertafore India Pvt. Ltd.**

**Client: Farmers Insurance, CA, USA**

**Oct’21 – Sep’23: Sr. Technical Consultant**

**Project: Sircon for Carriers - VUE DCM** a VUE Software Product

**Description**: Sircon for Carriers is a strategic insurance distribution management suite is implemented to modernize distribution, and drive growth for Property & Casualty insurers. Vue Distribution Management Suite is the most flexible, scalable, and configurable solution available that seamlessly integrates electronic onboarding, compliance, compensation management, producer self-service portals, and integrated analytical tools into a single platform.

**Environment:** ASP.NET MVC, Web API, Angular, JQuery, Typescript, Entity Framework, Dapper, SQL Server 2019, C#, HTML, CSS, GIT, Visual Studio 2019 & 2022, Microsoft Azure Services (Azure Apis, Azure Functions, Api Management), Azure DevOps, .NET Core 6/7, DocuSign

**Implementation Responsibilities:**

* Designing & Developing of the RESTful APIs using Web API with Dapper, EF
* Developing the application using ASP.NET, C# and MVC.
* Developing the Database objects like Stored procedures & functions
* Developing the SPA using the Angular
* Designing, developing, and deploying web applications and APIs using Azure services such as Azure App Service, Azure Functions, and Azure API Management for client vendor project requirements.
* Integrating the Azure and Aws services with web applications.
* Responsible for implementation of secure authentication and authorization using Oauth2 and SAML.
* Responsible for collaborating with cross-functional teams such as product owners, designers, and quality assurance (QA) engineers to ensure the successful delivery of projects.
* Responsible for the CI/CD for all the projects deliverables.
* Peer code reviews

**Client: Hanover Insurance, MA, USA**

**Oct’19 – Sep’21: Sr. Technical Consultant**

**Project: AVP System**

**Description**: AVP system is used to maintain their Agency, Broker and producer’s information along with their tiers information. The system has ability to maintain compensation rules and commission engine to calculate the standard commission. The system takes care of Inbound (Vendor-premium feeds) and outbound data feeds with the calculated commissions and commission statements.

**Environment**: Visual Studio 2019, Framework 4.6.4, ASP.Net, MVC 3, C#.Net, SQL Server 2017, WCF, WebAPI, JQuery, Angular.

**Responsibilities**:

* Designed and implemented the UI using the ASP.Net MVC
* Worked on validations using the jQuery
* Created the WCF services for the business logic
* Created the multiple APIs to send the agents incremental data
* Created the single page application using the angular
* Create the Commission Rate API for that consumed by cleint system
* Worked on the incremental feeds send to vendor system sent via secure ftp with PGP enabled
* Worked on custom executable/windows service to generate the PDF documents
* Deployed the application using the HDM (horizontal deployment) tool
* Developed the database components using the ADO.Net
* Worked on the tables, views and triggers for auditing

**Client: MetLife Auto & Home Insurance, RI, USA**

**Oct’17 – Sep’19: Sr. Project Engineer**

**Project: VUE Software 9.x**

**Description**: VUE Software 8.x/9.x product Implementation for client MetLife Insurance. VUE is used to maintain their Agency, Broker and producer’s information along with their credentials like license and appointments. The system has ability to maintain compensation rules and commission engine to calculate the standard commission as well as special commissions. System is fully integration with external services like NIPR to reconcile agent’s credentials with states. The system also takes care of Inbound (Guidewire policy-premium feeds & MIS legacy precalculated premiums) and outbound data feeds with the ARMS, ERL, Guidewire, IBCS, MIS, Salesforce systems.

**Environment**: Visual Studio 2017, Framework 4.6.2, ASP.Net, MVC 3, C#.Net, SQL Server 2014, WCF, WebAPI, JQuery, Kendo UI.

**Responsibilities**:

* Designed and implemented the UI using the ASP.Net MVC
* Worked on validations using the jQuery
* Worked on the long running process flows using the workflows
* Worked on the self-service portal transactions.
* Created the WCF services for the business logic
* Created the client applications to send the agents incremental feeds to hearsay APIs
* Create the VUE eligibility API for that consumed by Guidewire system
* Worked on the integration for BIG webservices for back ground check during the agent onboarding
* Worked on the SignNow integration for e-signature while onboarding
* Worked on the data feed loads from ARMS in initial conversion
* Worked on the incremental feeds send to MIS & IBCS vendor system
* Created the external service SOA application for integrating the PDB/NIPR
* Deployed the application using the HDM (horizontal deployment) tool
* Developed the database components using the ADO.Net
* Worked on the tables, views and triggers for auditing

**Client: Penn National Insurance, PA, USA**

**Apr’15 – Sep’17: Project Engineer**

**Project: VUE Software 8.x**

**Description**: VUE Software 8.x product Implementation for client Penn National Insurance. VUE is used to maintain their Agency, Agency Business Unit and producer’s information along with their credentials like license and appointments. The system has ability to maintain compensation rules and commission engine to calculate the standard commission as well as special commissions. System is fully integration with external services like NIPR to reconcile agent’s credentials with states. The system also takes care of Inbound (policy-premium feeds) and outbound data feeds with the ADMS-ADB systems.

**Environment**: Visual Studio 2015, Framework 4.5, ASP.Net, MVC 3, C#.Net, SQL Server 2014, WCF, JQuery.

**Responsibilities**:

* Designed and implemented the UI using the ASP.Net MVC
* Worked on validations using the jQuery
* Worked on the long running process flows using the workflows
* Created the WCF services for the business logic
* Worked on the database to database integrations for data transfers using the linked servers
* Created the external service SOA application for integrating the PDB/NIPR
* Deployed the application using the HDM (horizontal deployment) tool
* Developed the database components using the ADO.Net
* Worked on the tables, views and triggers for auditing

**Client: Guardian Life Insurance, NY, USA**

**Nov’13 – Mar’15: Project Engineer**

**Project: OTTO (Online Tool To Onboard)**

**Description**: For client Guardian, is an OTTO portal to mainly used for onboarding the agents and agencies. The system takes care of the Licensing and appointment. This ARM/Self Service portal and will keep maintaining the schedules/arrangements, contracts, roles and hierarchy of the Agent. The system can do NIPR integration periodically as well as on ad-hoc basis. The system also takes care of Inbound and outbound data feeds with the external systems.

**Environment**: Visual Studio 2010, Framework 4.0, ASP.Net, MVC 3, C#.Net, ADO.Net, SQL Server 2012, WCF, jQuery, Telerik.

**Responsibilities**:

* Designed and implemented the UI using the ASP.Net MVC
* Worked on validations using the jQuery
* Worked on the long running process flows using the workflows
* Created the WCF services for the business logic
* Created the external service SOA application for integrating the PDB/NIPR, FINRA etc..
* Deployed the application using the HDM (horizontal deployment) tool
* Developed the database components using the ADO.Net
* Worked on the tables, views and triggers for auditing
* Integrated the e-Sign feature for digital signature of the agent onboard
* Worked on the scheduled to send the incremental producer data to vendor system using the integration manager
* Preparing and executed the unit test cases

**Client: Assurant Health Insurance, WI, USA**

**Sep’11 – Oct’13: Sr. Team Lead**

**Project: VUE Software 7.x**

**Description**: VUE Software 7.x, for client Assurant Health, is a flexible tool capable of handling Agent/Agency Licensing, Commission Calculation and Calculation of Bonus. The system takes care of the Licensing and appointment from commission calculation aspect for each Agent. The commission calculation is based on the Schedule/arrangement, role, Product Authority and hierarchy of the Agent. The system can do the commission calculation periodically as well as on ad-hoc basis. System will allow paying advances and Bonuses to agents. Vesting payments, charge backs and bulk import/export are supported by VUE. The system will check the status of the agent before paying the commission. It takes care of Inbound and outbound data feeds.

**Environment**: Visual Studio 2010, Framework 4.0, C#.Net, ADO.Net, SQL Server 2008, SSIS, Infragistics windows controls

**Responsibilities**:

* Designed and implemented the UI using the Infragistics windows controls
* Worked on database driven validations rules
* Deployed the application using the HDM (horizontal deployment) tool
* Developed the database components using the ADO.Net
* Worked on the tables, views and triggers for auditing
* Worked on the stored procedures for multiple processes like activation, termination and commission calculation
* Worked on the SSIS packages for data conversion for initial conversion
* Worked on the scheduled to send the incremental producer data to vendor system using the integration manager
* Preparing and executed the unit test cases
* Involved in code peer reviews

**Client: UnitedHealth One (Golden rule), IN, USA**

**Apr’09 – Aug’11: Sr. Software Engineer**

**Project: VUE Software 6.x**

**Description**: VUE Software 6.x, for client UnitedHealth One (Golden rule), is a flexible tool capable of handling Agent/Agency Licensing, Commission Calculation and Calculation of Bonus. The system takes care of the Licensing and appointment from commission calculation aspect for each Agent. The commission calculation is based on the Schedule/arrangement, role, Product Authority and hierarchy of the Agent. The system can do the commission calculation periodically as well as on ad-hoc basis. System will allow paying advances and Bonuses to agents. Vesting payments, charge backs and bulk import/export are supported by VUE. The system will check the status of the agent before paying the commission. It takes care of Inbound and outbound data feeds.

**Environment**: Visual Studio 2008, Net Framework 2.0, C#, SQL Server 2005, SSIS, SSRS, Infragistics windows controls

**Responsibilities**:

* Analyzing the System requirements.
* Gaining the knowledge of the Insurance domain
* Designed and implemented the UI using the Infragistics windows controls
* Worked on database driven validations rules
* Worked on the windows service to print the barcode-based agent welcome letters
* Deployed the application using the HDM (horizontal deployment) tool
* Developed the database components using the ADO.Net
* Worked on the database tables, views, triggers and stored procedures
* Developed the backend code for inbound for data conversion using SSIS packages
* Preparing and executed the unit test cases
* Involved in code peer reviews

**Sep’07 to Jan’09: Wipro Technologies Ltd**

**Sep’07 – Jan’09: Software Engineer**

**Project: OPS Scheduler (COMPASS)**

Client: FedEx USA

**Description**: OPS Scheduler is a Web-based tool that allows managers to schedule employees to tasks and helps plan and schedule employee time-off. The application supports creation of customized scheduling templates that allow effective and efficient creation of weekly schedules for both current and future Fiscal Years

**Environment**: ASP.Net, VB.Net, ADO.Net, AJAX, Web Services and Oracle 10g

**Responsibilities**:

* Analyzing the System requirements.
* Design the Required User Interface for the Prototype.
* Preparing the Low-Level Design documents.
* Helping in the Design of the database schema; create stored procedures and functions
* Design test cases to test specific features/functionality.
* Involved in data conversion scripts from COMPASS to OPS scheduler
* Involved in Coding & Unit Testing
* Develop new code / modify existing code for maintenance work request (during warranty mode)

**Sep’05 to Sep’07: RAM Informatics Ltd**

**Sep’05 – Sep’07: Application Engineer**

**Project**: eSeva - Govt of Andhra Pradesh App

Client: Govt of Andhra Pradesh

**Description**: eSeva an e-Governance initiative of Government of Andhra Pradesh is the first Online Integrated Citizen Service project to rollout to District Municipalities. It offers a wide spectrum of citizen friendly services that will save citizens the bother of running around various departments. It provides a one-stop shop for services of various state and central government departments in an efficient, reliable, transparent and integrated manner through a chain of computerized Integrated Citizen Service Centers (ICSCs). It covers 50 various departments (services) like APTRANSCO, BSNL, Municipality Services, APSRTC, and Passport etc

**Environment**: ASP.Net, C#, VB.Net, ADO.Net, COM+, Web Services, SOAP, XML, Oracle 9i, and SQL Server2000, DB2

**Responsibilities**:

* Gaining the knowledge from the existing system
* Understanding the process flow of Integrated Service
* Analysis of Data Requirements
* Development of Service Handler (Re-usable components)
* Integrating these services with Unified gateway that can be used by eSeva, APOnline etc.
* Created the client service SAP (Service Access Provider) to be used by eSeva
* Involving in creating COM+ Components.
* Developed SQL Server stored procedures.
* Developed scripts for client-side validations in Web Forms using Java script.

 **Certifications**

* Microsoft Certified: [Azure Solutions Architect Expert](https://www.credly.com/badges/fc242e8e-cca6-4be9-92f9-6751ee4d6022/public_url)
* Microsoft Certified: [Azure Developer Associate](https://www.credly.com/badges/0dc45f2a-9d76-4efa-9c22-7fdcc390d5c8/public_url)
* Microsoft Certified: [DevOps Engineer Expert](https://www.credly.com/badges/fb3b4e33-d41b-473b-a83a-eb6d1f44b862/public_url)
* CKAD: [Certified Kubernetes Application Developer](https://www.credly.com/badges/0b2aae1b-8cea-45f0-bdd9-9e064e91690a)

 **Education**

**Bachelor of Technology** (Electronics and Communications Engineering) Jawaharlal Nehru Technological University, Hyderabad in 2003

 **Personal Detail**

Location: NJ, USA

Marital Status: Married

Languages Known: English, Telugu