Ragamalya S

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# Professional Summary

6 Years of IT experience as a Software Engineer with an urge to develop solutions for business automation, data management and reporting. Diversified technical background, spans across all layers of SDLC (Software Development Lifecycle) with **full stack development knowledge** in the following technologies - **Microsoft Azure, ASP.Net, MVC, Web API, C#, HTML 5, XML, Json, MS Power BI and SQL Server**. **Certified in Azure DevOps services** and have strong academics, with an Engineering degree in Information Technology.

Professional Objective is to obtain a long-term career with an organization, which has strong values and provides good opportunities for enhancement of professional and personal skill set in a team environment. Explore my learning to the fullest satisfaction of the organization.

# Technical Skills

* Cloud Technologies – Microsoft Azure, CI/CD Pipelines
* Programming & Scripting: ASP.Net, PowerShell, Bash, SQL, ARM Templates, Terraform
* Database – SQL Server 2012, Azure Data Factory
* DevOps – Azure DevOps, Github, Jenkins
* Agile methodology with expertise in Scrum framework
* Version Control & Collaboration: Git, GitHub
* Reporting Tools – Microsoft Power BI
* Other – Service Now, Smartsheet, MS Office, Visio

# Education

* Bachelor of Engineering in Computer Science (PRIST University, India)

# Professional Experience

***Software Engineer, MSC Technology India Pvt Ltd., Chennai, India Oct 2020 – Present***

***Client: MSC Shipping Corporation, Geneva, Switzerland***

MSC is a shipping company which is predominantly into container shipping. In order to make Revenue , trading isn’t our only source, we rent our containers to customers and make huge revenue out of it. We charge differently for import and export trade using our tariffs created by our HQ colleagues in Geneva, Switzerland.

CRGT (Container Rental General Tariff) is the application we use to create tariffs, basically a tariff will be used to calculate our shipment’s bill of lading (bills). The application is developed in a cloud based environment using Agile methodology and Devops platform. The technology used to develop the application was MVC framework with ASP.Net and C#, with the backend of SQL Server 2012. Front end was developed using React, Node JS, Javascript and HTML 5. As we follow the Agile methodology, we work in time box(sprints) developing new requirements/ functions on a fortnightly basis. Each sprint will be done thorough QA by our testing team and reviewed by our business clients before deploying it in production.

# Responsibilities:

* Participated from End to End development process (SDLC) - Requirement Analysis, Sprint planning, Estimation, UI Design, Development, Configuration management, Unit Testing and UAT
* Supported web application and database performance tuning
* Supported operational issues - coordinated fixes, builds, releases working with various teams – development, testing, System admin and cloud teams
* Followed scrum methodology for project execution – participate in daily stand-up meetings, user story reviews, sprint retrospective and other planning meetings
* Coordinate with IT resources across the Switzerland and India to support multiple projects
* Completed certification on Azure DevOps services.
* Extensively worked on Building and Installing servers, creating multiple resources like in Azure through Azure Resource Manager Templates (ARM) or Azure Portal and provisioning them using Terraform templates. Provisioning servers/instances using infrastructure as code, Code is stored in a private repository and constantly updated.
* Performed End to End, Functional, Usability, Regression, Integration, Interface, and System Testing
* Created ARM Template for deploying the resources into Azure using the PowerShell and continuous integration by VSTS.
* Experience implementing Azure services such as Azure Active Directory (AD), Azure storage, Azure cloud services, IIS, Azure Resource Manager (ARM), Azure Blob Storage, Azure VM, SQL Database, Azure Functions, Azure Service Fabric, Azure Service Bus, Azure Key Vault and Azure Data Factory.
* Build & Release Management and Deployments of the Solutions to the DEV, QA & PROD Environments leveraging Azure DevOps/VSTS principles/process (CI/CD) and toolsets of Visual Studio, Application Insights, Log Analytics.
* Used Azure DevOps services such as Azure Repos, Azure Boards, and Azure Test Plans to plan work and collaborate on code development, built and deployed applications.
* Experience with Sonarcloud in code analysis and driving team to fix the critical issues.
* Experience in using the monitoring tools with Azure monitoring such as Azure Log Analytics, Azure Network Watcher, and Azure Service Health to diagnose and minimize service degradation., Datadog to set up the desired alerts to avoid disruption.

***Analyst, eWarrior Tech Solutions, Chennai, India Apr 2019 – Oct 2020***

***Client: Taurus Healthcare Solutions, Dallas, TX, USA***

Taurus HCS is a US healthcare solutions company who work with hospitals, clinics, and medical practices to streamline operations, reduce costs, and improve patient outcomes. The have IT solutions for various medical practices and integrated with multiple EMRs.

Two major projects I am involved at Taurus HCS are VisDoc and Surgery Clearance. VisDoc is a web application to maintain the patient database like demographics, medical diagnosis, medication and all other health-related records. Surgery Clearance is the software developed to maintain the patient who are undergoing surgery. The application provide business automation flow for pre and post-surgery, enable patients to have a close observation and helps them to undergo the surgery without any hindrance.

**Responsibilities**:

* Expertise in developing web applications using Microsoft technologies - .Net framework, ASP.Net, MVC and web services
* Participation in complete SDLC of the applications. Involved in Requirements gathering, documentation, development, configuration and testing
* Implemented UI using MVC, HTML, XML, CSS, Javascript and Web Form Controls
* Developed Reports using Microsoft Power BI
* Developing various Stored Procedures for the data retrieval from the database and generating different types of reports in SQL Server 2012/ MS Power BI.
* Performance Tuning of queries and stored procedures
* Implemented .Net classes for business logic layer using C#
* Facilitate and coordinate with project managers on timely delivery of project documents such as project plan, technical documents, and approvals
* Close liaison with business team, get their feedback after every release and active participation in UAT
* Participate in client meetings on product demonstration, document feedback and share with the offshore development team

# Honors

* Spotlight Award for modifying UI design on the Tariff page to enhance user experience

# Other Details

**Date of Birth:** 05/27/1999

**Visa:** H1B

**Nationality**: Indian

**Languages known**: English, Tamil

**Interests**: Dancing and Listening to Music (Participated and won in various inter college symposiums. Coordinated events, workshops and symposiums)

**References**: Can be provided based on request