

Sai Surya Vamsi Sapireddy

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#### PROFESSIONAL SUMMARY:

- Around **2.6** years of experience in IT with skills of **DevOps** as primary & **.NET** as secondary, technology solution implementation leveraging AGILE/SDLC methodologies.
- Strong experience in Cloud technologies like **Microsoft Azure** involving cost optimization and infrastructure management
- Experienced in administration/maintenance of source control management (SCM) systems such as **SVN, Git, GitHub** and **GitLab**
- Implemented **CI/CD** pipelines using tools such as **Microsoft Azure DevOps (ADO), Jenkins, Maven**
- Developed scripts and worked with automation tools for building, integrating and deploying software releases to multiple environments.
- Experienced in scripting languages such as **JSON, YAML** and **shell** scripting.
- Experience in building dashboards using **Power Bi**
- Integrated code quality and code coverage tools such as **Sonarqube**
- Participated in product life cycle, which involved environments like **Development, QA, UAT** and **Production**.
- Experienced in using bug-tracking systems like **JIRA** and **Azure Boards**
- Good Knowledge on **Docker, ANSIBLE, CHEF, Grafana, Argo CD, Terraform, Helm Charts, Prometheus** and **Kubernetes**.
- Working Knowledge on implementing **Micro Services** Architecture by using Spring Boot.
- Hands on Experience with Front End Technologies and Experience in Manual test cases for testing.
- Effective coach and mentor and committed to leading teams to peak performance and top-quality results.

#### Professional Experience:

- Currently working as Software Engineer at Value Momentum.

#### Education:

- Bachelor of Technology

#### Technical Skills:

Cloud Technologies	Microsoft Azure
Languages	.NET
Application Frameworks	Spring Boot, Spring admin Micro services
Web Technologies	HTML5, CSS3, XML

<b>IDE'S</b>	<b>Eclipse, Visual Studio code</b>
<b>Databases</b>	<b>MYSQL</b>
<b>Version Control Tools</b>	<b>Svn, Git, Git-Hub, Git Lab</b>
<b>Build Tools</b>	<b>Maven, Gradle</b>
<b>Integration Tools</b>	<b>Jenkins, ADO, Azure CLI</b>
<b>Scripting languages</b>	<b>JSON, Batch, Yaml</b>
<b>Code quality</b>	<b>Sonarqube, Sonar-Scanner</b>
<b>Containerized applications</b>	<b>Docker and Kubernetes</b>
<b>Search, analyze , and visualize the data and Metrics</b>	<b>ELK Stack, APM, Prometheus, Grafana</b>
<b>Operating Systems</b>	<b>Windows 8/7/XP, LINUX</b>

### Project Summary:

**Value Momentum, Hyderabad, India.**

**Role:** DevOps Engineer

**Project Name:** E-APPS, D2C (Direct to Customer), iLounge, VConnect, OEM and ACME

### Project Description:

E-Apps □ Motor and Non-Motor Insurance online policy issuance (NB and RN) application used as an in-house processing application for Insurance policies.

D2C □ Direct to customer is company website used to project insurer information, products features, quote premium & issue policy in Motor and Non-Motor (NB and RN).

iLounge □ Portal for intermediaries to access their business related information such as proposals, policy, claim, prospect management, business reports for decision making.

VConnect □ Customer Portal provides an insight of customer policies info (NB & RN), policy document, healthcard document, renewal notice, intimate claim & claim status, request for services, renewal due policies & premium, Customer Chat bot with Client-Support.

OEM □ Four Wheeler Manufacturing Companies will act as Partners with clients to call their services and policy issuance.

ACME □ Automated Claims Management Enterprise online application where claims can be processed.

Above all are web based applications into single platform. Redesigned the completed architecture infrastructure and applications moved into automated deployment JENKINS.

### Responsibilities:

- Implemented several practices in providing cost optimization for the projects to decrease the cloud costs
- Worked closely with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Implemented Release management workflow for **QA, UAT and Prod** environments.
- Migrated legacy applications by setting up CI/CD pipelines on Jenkins.
- Set up **CI/CD** pipelines for **Microservices** and integrated tools such as **Maven, SonarQube, Jenkins** for providing immediate feedback to DEV teams after code check-in.
- Prepared and presented **SCM** best practices for implementing continuous integration for team using **SVN**.

- Integrated **SVN** web hooks into **Jenkins** to automate code checkout process.
- Created quality gates in **Sonarqube** dashboard and enforced in pipelines to fail builds when conditions not met.
- Implemented the **ELK** and **APM** for application performance monitoring.
- Developed messaging module using Spring **JMS** and **Active-MQ**.
- Prepared Root Cause Analysis (RCA) document for repeated issues.
- Worked on **GIT-LAB** for code management. Also implemented Git flow and release for code deployment mechanism.
- Ensured and coordinated with team for 100% on time delivery using Agile Model.
- Designed pipelines in cloud using Microsoft ADO, Kubernetes and ACR.
- Worked on Azure Boards for Bug Tracking and Azure GIT for Version Controlling.
- Implemented Sonarqube for Code quality to check Docker image vulnerability.

### **Value Momentum, Hyderabad, India.**

**Role:** DevOps Engineer

**Project Name:** GEICO - Billing

#### **Project Description:**

GEICO is a leading insurance company in United States which deals with several types of insurance and closely working on customer management and providing efficient web and technical services.

Billing is a project of GEICO which deals with the payment related activities using several payments of all the insurance.

#### **Responsibilities:**

- Implemented several practices in providing cost optimization for the projects to decrease the cloud costs
- Worked closely with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Provided support for resolving production issues and monitoring using several tools like **Splunk, Dynatrace and App Insights**
- Implemented Release management workflow for **several production and non-production** environments.
- Migrated legacy applications by setting up CI/CD pipelines on Azure DevOps and Jenkins.
- Set up **CI/CD** pipelines for **Microservices** and integrated tools such as **Maven, SonarQube, Jenkins** for providing immediate feedback to DEV teams after code check-in. Integrated **SVN** web hooks into **Jenkins** to automate code checkout process.
- Prepared Root Cause Analysis (RCA) document for repeated issues.
- Worked on **GIT-LAB** for code management. Also implemented Git flow and release for code deployment mechanism.
- Ensured and coordinated with team for 100% on time delivery using Agile Model.
- Designed pipelines in cloud using Microsoft ADO, Kubernetes and ACR.
- Worked on Azure Boards for Bug Tracking and Azure GIT for Version Controlling.