

Sai Surya Vamsi Sapireddy

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#### PROFESSIONAL SUMMARY:

- Around **3.3** years of experience in IT with skills of **DevOps & DevSecOps** as primary & **FinOps** as secondary, technology solution implementation leveraging AGILE/SDLC methodologies.
- Strong experience in Cloud technologies like **Microsoft Azure, AWS** involving cluster management, CI/CD implementation, 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), AWS Code Build, 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, CodeScan**
- 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, Grafana, 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 DevOps Engineer at Value Momentum.

#### Education:

- Bachelor of Technology

#### Technical Skills:

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

<b>IDE'S</b>	<b>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.

**Value Momentum, Hyderabad, India.**

**Role:** FinOps Engineer

**Project Name:** Hudson Insurance

**Project Description:**

Hudson Insurance 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 which is a product of Odyssey a leading insurance company in the United

States.

**Responsibilities:**

- Cost analysis and recommendations on cloud usage and cost and identifying anomalies in the cost usage.
- Build cost dashboards using Power Bi
- Implement tagging schema for effective resource tagging.
- Automation of compute, storage and network resources for cost optimization using shell scripting.
- Implement cost reports on regular basis to the management to identify the overspending.