**SAMPELLY RAMA RAO**

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**Professional Summary:**

**3 years 3 months** of professional experience in IT industry in various roles with excellent experience in Software Integration, Configuration and Development.

* Experience in Configuring, automating and maintaining build and deployment CI/CD tools **Git**, **Jenkins, Docker** for Multi-Environment (Local/NON-PROD/PROD) with high degrees of standardization for both infrastructure and application stack automation in AWS cloud platform.
* Experienced in implementing tools like **Ansible, Docker and Kubernetes.**
* Ability in development and execution of **SHELL**.
* Experienced in working as **DevOps Engineer/Linux Administrator** operations process and tools area (Continuous Integration, Configurations Delivery)
* Configure, monitor and automate Amazon Web Services as well as involved in deploying the content cloud platform on Amazon Web Services using **EC2, S3, EBS**.
* Hands on experience in usage of **ECS** (EC2 Container Services) for Container Management.
* Hands on knowledge Backups and Migration using Glacier, **S3**
* Extensively worked with Version Control System **GIT**
* Good Knowledge with automation tools like **Jenkins** to implement the End-to-End Automation.
* Hands on experience in delivering container based **deployments using Docker**. Having experience in creating custom Docker Images using **Dockerfile**.
* Extensive experience in setting up the **Kubernetes** for the **Docker** to handle cluster based containers. Implemented Testing environments for kubernetes and administrated the **kubernetes clusters**.
* Install and configure **Kubernetes** cluster on AWS using kops.
* Experienced in implementing tools like **Puppet/Ansible and Docker**.
* Be able to run stateless and stateful applications on **Kubernetes** and **Healthchecks**, Secrets, ConfigMaps, Add users, set quotas/limits, do node maintenance,
* Involved in Package applications with Helm and writing **Helm charts** for applications.
* Automatically build and deploy Helm Charts using Jenkins
* Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.
* Strong analytical skills, able to work with technicians from various engineering disciplines to troubleshoot complex system-level issues.
* Experience configuring, monitoring, upgrading and maintaining systems hardware, software and related infrastructure.

**Technical Skills:**

SCM /CI Tools : GIT, GIT Hub, Maven, Jenkins

Web/App Servers : Apache, Tomcat

Scripting Languages : Shell scripting, Python

Platforms : LINUX, Windows

Configuration Management Tools : Ansible / Puppet

Cloud Infra : AWS

Containerization : Docker, Kubernetes

Operating system : Windows, Linux, & Mac

monitoring tools : Nagios,Jira, Cloud Watch, Prometheus.

**Highest Qualification:**

* B. TECH from **Vaagdevi College of Engineering**.

**Experience:**

**Company Name:** Prolifics Inc

**Position:** DevOps Engineer

**Duration / Years Worked:** Oct 2017 to Till Date

**Project Summary:**

**➢ Project Name: ​**Commercial Vehicle Insurance

**➢ Client: ​**AIM Relocation and insurance, USA

**➢ Project Duration: ​**Jan 2019 – Till Date

**➢ Team Size: ​**4

**Responsibilities:**

* Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
* Used file module in Ansible playbook to copy and remove files on remote systems.
* Utilized Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Implemented a Continuous Delivery pipeline with Docker and AWS.
* Extensive experience in setting up the Kubernetes for the Docker to handle cluster based containers.
* Implemented Testing environments for kubernetes and administrated the kubernetes clusters.
* Extensively used Docker for virtualization, Ship, Run and Deploy the application securely to fasten Build/Release Engineering.
* Evaluated Composers for Docker container orchestration.
* Experience with building containerized applications using Docker images.
* Management and design of integrated build pipelines using continuous integration workflows such as Jira, Git, Jenkins, Docker, and Nexus.
* Involved in configuring AWS EC2 instances on cloud platform using Ansible.
* Implemented Continuous Integration using Jenkins and GIT.
* Build pipeline design and optimization: GIT, Subversion, Maven, and Nexus for J2EE application deployments.
* Creating new repositories and branches in existing repositories as per the requirement of the dev team.
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using Sonar Qube
* Configuring the Day and Night Playbooks
* 24/7 on call supports for emergency site maintenance and immediate build and install requests.

**PROJECT:2**

➢**Project Name:** ​Trade1 Asia

➢**Client:​** Keppel – Singapore

➢**Project Duration:** Oct 2017 – Nov 2018

➢**Team Size:** ​3

**Responsibilities :**

* Implemented & maintained the branching and build/release strategies utilizing GIT.
* Performed all necessary day-to-day support for different projects.
* Responsible for design and maintenance of the GIT Repositories, views, and the access control strategies
* Worked closely with developers to pinpoint and provide early warnings of common build failures.
* Automated the build and release management process including monitoring changes between releases
* Auditing and Scanning the Servers and Applications periodically.
* Responsible for monitoring and troubleshooting issues in services.
* Monitoring Servers and Services using Nagios.
* Launching and configuration of new machines in cloud for client applications.
* Coordinating with other internal teams for trouble shooting production issues.
* Closely working with dev teams and fixing production issues.
* Setup Continuous delivery pipeline for deploying application on all pre-production environments.
* Worked as a system administrator for the build and deployments process on the enterprise server.
* Hands on experience in daily activities like Disk Management and User Management issues
* Building the source code using GIT and Jenkins
* Developed, maintained, and distributed release notes for each scheduled release.
* Support the build and deployment infrastructure used by our development teams
* Respond to high severity production issues escalated by our operations teams.
* Support developers by deploying application into Develop, test and production servers.
* Automated various tasks using Shell scripts.

**Declaration:**

I here by declare that all the details mentioned in the above are true and correct to the best of my knowledge and belief.

**SAMPELLY RAMA RAO**