Phani Sai   Email: **phanisaisre@gmail.com**

SRE-DevOps Engineer   Ph: +91-7816043119

Professional Summary:

- ❖ Having 5+ years of experience in IT field as **Site Reliability Engineer(SRE)-DevOps,Build support Engineer and Linux Infrastructure Engineer** with good experience on DevOps tools and Linux Administration.
- ❖ Strong Experience in Linux/Unix
- ❖ As an SRE, responsible in performing Ops work as well as understanding development needs and support accordingly by having continuous coordination with Development and R&D teams
- ❖ Developed and maintained **monitoring and alerting** systems for Amazon Web Services infrastructure
- ❖ Developed and maintained system **logging** and auditing, enabling the organization to meet compliance requirements
- ❖ Implemented monitoring and alerting solutions using **Prometheus, Grafana**, and **ELK Stack**, enabling proactive issue detection and reducing mean time to resolution.
- ❖ Collaborated with development teams to improve **application performance and reliability** through performance tuning, load testing, and code optimization.
- ❖ Participated in **on-call rotations, responding to incidents** and performing root cause analysis to prevent recurrence.
- ❖ Implemented centralized logging and log analysis using **ELK Stack**, improving troubleshooting and monitoring capabilities.
- ❖ Experience in working with **Aptible** which is a Docker-based Platform-as-a-Service tool.
- ❖ Experience working with **Log DNA**, which is a highly scalable log management solution that indexes, aggregates, and analyzes log data.
- ❖ Creating the **views and mail alerts** to the frontend and backend web applications for monitoring errors and logs.
- ❖ Worked closely with development teams to implement performance **monitoring and optimization strategies.**
- ❖ Experienced in handling analysing web server level issues **(Tomcat and Nginx).**
- ❖ Experience in working with multiple projects as a Configuration Management, Build, Deployment, Release Engineer, Verifying and documenting software build content and management Software releases.
- ❖ Expertise in Installing **Jenkins** on a **Linux** Machine and Created a **Master and Slave Configuration** to Implement Multiple Parallel Builds through a Build farm.
- ❖ Extensively worked on **Jenkins** for CI and for End to End Automation for all Build and Deployments.
- ❖ Strong Experience in **Creating and Configuring New Build Jobs**, **Plug-ins Management, Distributed Builds using Master/Slaves and other Administration Tasks in Jenkins.**
- ❖ In Jenkins, to **Setup EMAIL Notifications to Developers.**
- ❖ Configuring the **Docker Containers** and **Creating Docker file** for different Environments.
- ❖ Worked on **Kubernetes** to orchestrate the deployment, managing and scaling of docker containers.

Work Experience:

- ❖ Working at EK Software Pvt Ltd from August 2021 to present as an SRE-DevOps Engineer.
- ❖ Worked at Global Logic Technologies Pvt Ltd. from October 2019 to January 2020 as an SRE-DevOps Engineer.

❖ Worked at Trigeo Technologies Pvt.Ltd from November 2017 to August 2019 as an Aws-DevOps Engineer

Education:

❖ B.TECH (ECE) from JNTUK UNIVERSITY.

Project Summary:

Project 1&2: Patient Engagement Platform & Ultratouch.

Client: Cyzma

Project: Role: SRE-DevOps Engineer

Responsibilities:

❖ Experience in AWS cloud platform offering services (EC2, VPC, AMI, ELB, Auto Scaling, S3, IAM, Cloud Watch).

❖ Experience in working with aptible environment for launching new applications as per client requirements for frontend and backend applications.

❖ Experience in working with aptible Shared and Dedicated Stacks to launch staging and production environments.

❖ Configured Security Headers for Nginx frontend application in order to secure the sites safely and securely.

❖ Responsible for generating the penetration test reports for the staging and production sites to check whether they are configured securely or not.

❖ Responsible for Deploying the develop branch code to a staging environment running in the aptible.

❖ Responsible for Deploying the master branch code to a production environment running on aptible once the QA approves the staging code with zero defects.

❖ Experience in creating the endpoints for the frontend and backend applications running on the aptible dashboard.

❖ Experience in working with AWS Route53 for DNS management and Domain registrations.

❖ Experience in working with Amazon certificate manager for creating, storing, and renewing public and private SSL/TLS X.509 certificates and keys that protect AWS Route53 websites and applications.

❖ Configured an Amazon Cloud Front distribution to serve HTTPS requests for my Amazon Simple Storage Service (AmazonS3).

❖ Experience in creating the cnames to the endpoints created for the applications deployed on the aptible in AWS.

❖ Experience working with LastPass is a password manager and password generator that locks passwords and personal information in a secure vault.

❖ Responsible for storing the configuration and environment variables of the application in LastPass security notes.

❖ Updating the configuration variables of the applications like SSL_PROTOCOLS_OVERRIDE, FORCE_SSL, etc, from the command line by using aptible CLI.

Project 3:

Project: GE AVIATION (Client-USA)

Role: AWS (Cloud) - DevOps Engineer

Responsibilities:

❖ Used Jenkins, Build forge for Continuous Integration and Continuous Delivery (CICD) into Tomcat Application ServerMaintaining a farm of EC2 instances, S3, ELB's, Cloud watch and SNS.

- ❖ Created Docker files and build images and push to the Docker private registry.
- ❖ Set up the local development environments through Docker containers for new developers.
- ❖ Developing build and deployment pipelines using Jenkins, Maven for Java applications
- ❖ Developed a fully automated continuous integration system using Git, Jenkins and custom tools developed in Bash.
- ❖ Experience in build management and continuous integration tools. (Jenkins)
- ❖ Designed and built cloud service models including Infrastructure-as-a-Service (Iaas) Driving industry best practice implementation around CI/CD and infrastructure management.
- ❖ Installing, configuring and administering Jenkins CI tool on Linux machines.
- ❖ Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
- ❖ Experience in Relational Database installation, configuration and connectivity.
- ❖ Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
- ❖ Configuring and Networking of Virtual Private Cloud (VPC).Develop CloudFormation scripts to automate EC2 instances.
- ❖ Implemented AWS EC2, IAM, S3, EBS, Elastic Load balancer (ELB), AutoScaling.
- ❖ Created alarms and notifications for EC2 instances using Cloud Watch. Installed and configured Nagios monitor tool performance on all nodes.
- ❖ Set up and maintained Development, QA, Pre-Production, and Production environments.
- ❖ Installing, configuring and administering Jenkins CI tool on Linux machines.
- ❖ Well-versed with Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, ALB, S3, CloudFront, EBS, RDS, VPC,Route53, Cloudwatch, Cloud Trail, CloudFormation, IAM.
- ❖ Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.

TECHNICAL SKILLS:

SKILL AREA	TECHNICAL SKILLS
DevOps Tools:	Jenkins, Maven, Artifactory, Docker, Ansible
Version Control:	Git
Source Management Tools:	GitHub, Bitbucket
Bug Tracking Tools:	Jira
Cloud Platforms:	Amazon Web Services
Monitoring Tools:	AWS Cloud watch, Nagios, Grafana, Prometheus,ELK Stack
Collaboration Tools:	Confluence, Slack, Skype
Platform-as-a-Service Tool:	Aptible
Operating Systems:	Linux, RHEL, Ubuntu
Databases:	Mysql,PostgreSQL,MongoDB

Personal Profile:

    Father's Name   : A.Satyanarayana
Date of Birth   : 19-03-1996
Gender   : Male
Nationality   : Indian

I hereby declare that the above given information is true and correct to the best of my knowledge and belief.

Phani Sai