PERSONAL INFORMATION

✉ **Email**
sreeharshasama48@gmail.com

📞 **Mobile**
(+91) 9032827795

💼 **Total work experience**
6 Years 6 Months

KEY SKILLS

devops

linux

ansible

jenkins

git

aws

docker

maven

apache tomcat

shell scripting

appdynamics

Kubernetes

Grafana

Kibana

Elastic Search

Sonarqube

ECR

Nexus

Microservices

S3

Cloud Computing
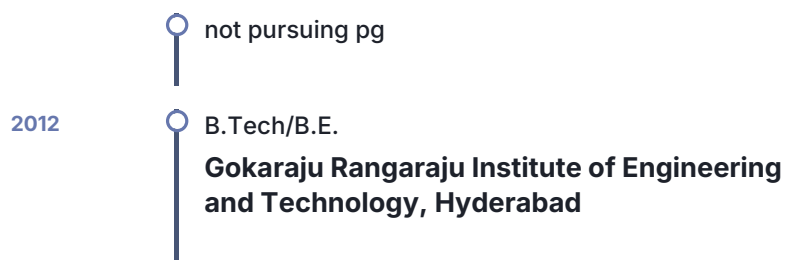
ECS

Aws Cloudformation

Amazon Cloudwatch

CI

Sree Harsha Sama

Senior DevOps Engineer

PROFILE SUMMARY

- Have around 6 years 6 months of experience in the career.
- Experience in creating infrastructure in AWS and Azure using Terraform and Cloudformation.
- Worked on execution of Terraform scripts using the Github Actions and Gitlab CI.
- Experience in containerizing the Java and Nodejs applications using the Dockerfile.
- Deploy the application containers into the ECS clusters using the Codepipeline and Jenkins pipelines.
- Worked on Orchestration of docker container using Kubernetes, EKS, AKS.
- Experience in creation of pipelines in Azure DevOps.
- Configured Elasticsearch and Kibana in AWS for parsing the logs in Production Environment.
- Experience in Shell Script for Creating automation of the tasks, Startup scripts, processing of text files and log files.
- Creating Ansible playbooks and roles for the configuration of applications and pushing the configuration changes to ansible clients.
- Monitor all environments using App Dynamics to ensure all servers and services are 100 % up

EDUCATION

○ not pursuing pg

2012 ○ B.Tech/B.E.
Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad

WORK EXPERIENCE

Cd

IAM

Terraform

AWS DevOps

Azure DevOps

Eks

Gitlab

Gitlab CI

OTHER PERSONAL DETAILS

City	Hyderabad
Country	INDIA

LANGUAGES

- Telugu
- English
- Hindi

May 2023 - Present

Senior DevOps Engineer

Tao Digital India Private Limited company

- Responsible for developing terraform scripts that enabled the creation of essential infrastructure components such as kubernetes cluster, vpc, cognito, lambda both in production and development environments.
- Automated execution of Terraform scripts using Gitlab CI pipelines
- Created Manifests files for deploying the application in Kuberenetes clusters.
- Developed Docker images to optimize application deployment process
- Enhanced application integration by implementing efficient configuration of Eventbridge rules along with SQS and SNS for seamless interaction with third-party entities.
- Implemented Cognito setup to securely verify user identity for application usage
- Implemented a secure storage solution for application credentials and variables using Secrets Manager
- Streamlined application deployment by implementing automated Elastic Container Service cluster deployments using codepipelines for dev, test, and uat environments.
- Implemented reverse proxy capabilities by updating and managing Nginx configuration
- Enhanced notification system for monitoring AWS total billing and custom variable activity.
- Resolved Jira tickets with comprehensive bug fixes.
- Set up and exposed necessary APIs using API Gateway for seamless integration with external entities
- Contributed to sprint planning, prioritising backlogs to meet new demands.

Oct 2022 - May 2023

Senior DevOps Engineer

GEP

- Created Terraform scripts for Azure to provision Virtual Machines (VMs) and Databricks.
- Automated execution of Terraform scripts via Azure DevOps pipelines
- Developed and managed successful CICD pipelines to streamline application deployment on Azure DevOps.
- Managed and implemented application deployment on Azure Kubernetes Clusters (AKS Clusters)
- Streamlined developer workflows by granting access to essential tools such as Azure DevOps pipelines and octopus projects.

Jan 2018 - Sep 2022

Senior DevOps Engineer

Girmiti

- Created multiple environments in AWS using CloudFormation scripts, resulting in reduced manual effort and increased efficiency.
- Enabled automatic application deployment to AWS environments by leveraging Jenkins jobs with staged steps defined in a Jenkinsfile.
- Updated Ansible scripts for deploying applications to AWS environments
- Implemented storage solutions like S3 buckets and Elastic Container Registry (ECR) for streamlined artifact and docker image management.
- Developed detailed AWS architecture diagrams and calculated estimated expenses.
- Ensured smooth installation and configuration of Kubernetes master and slave nodes in an on-premises environment.
- Successfully implemented deployment of Java application on Kubernetes cluster and optimized server performance by configuring HAProxy to efficiently manage application traffic
- Implemented automated deployment process in AWS environment by utilizing codepipelines and integrating it with codecommit, codebuild, and codedeploy.
- Utilized Logstash as a filter equipped with grok patterns to enhance data processing and analysis within the ELK stack.
- Utilized Elasticsearch to create indexes, as well as Kibana for visualizations and graph generation.
- Streamlined setup processes for Apache Tomcat and Springboot applications.
- Maintained application stability and efficient server operations by monitoring resource usage with App Dynamics tool
- Utilized Prometheus and Grafana to track application performance.

Jan 2018 - Sep 2022