

DevOps/SRE-Engineer

Ashok Chandra Reddy Tippaluri

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Professional Summary:

Results-driven DevOps/SRE professional with over 3 years of experience in designing, implementing, and maintaining robust backend servers and micro-services infrastructure. Proficient in a wide range of technologies, including containerization (Docker, Kubernetes, EKS, ECS, Route53), cloud platforms (AWS, Azure), IaaS (Terraform, Ansible), and scripting languages (shell). Adept at implementing automation tools, ensuring 24/7 support, and optimizing workflows for enhanced efficiency.

Educational Qualifications:

Bachelor of Technology (B.Tech) | JNTU, Hyderabad | August 2016 -July 2020

Technical Skills:

Category	Skills
Containerization	Docker, Kubernetes, EKS
Cloud Platforms	AWS
IaaS	Terraform, Ansible
Infra Monitoring	Prometheus, Zabbix
CI/CD	Jenkins
Scripting	Python and Shell scripting
VCS	GitHub, Bitbucket
Operating Systems	Ubuntu, Redhat, Centos

Experience Summary:

Working as a Systems Engineer in **Dotdash Meredith** from June 2022 to Till date.

Working as a NOC Analyst in Tanla (Karix) from 2021 August 2021 to June 2022

Project Profile:

Project: **Synapse**

Role: **DevOps/SRE Engineer Environment**

Environment: **GIT, Bitbucket, Jira, Docker, Kubernetes, Terraform, Ubuntu, Linux, Grafana and Python**

Responsibilities:

- *Orchestrated the migration of on-premise infrastructure to Amazon Cloud Services (AWS) using Terraform and Jenkins.*
- *Automated infrastructure provisioning with Terraform on AWS, including the setup and configuration of resources, and enhanced deployment processes for consistency across different environments.*
- *Designed and implemented CI/CD pipelines in Jenkins tailored for AWS and Elastic Kubernetes Service (EKS), automating the deployment processes.*
- *Orchestrated the deployment and management of containerized applications on AWS, utilizing Kubernetes for efficient scaling, load balancing, and orchestration.*
- *Worked on Creation of applications and system health check using APM tool like NewRelic, CloudWatch Synthetic.*
- *Ensured security and compliance on AWS and EKS by implementing best practices in Terraform scripts, collaborating with security teams for regular audits, and adhering to AWS's security guidelines.*
- *Provided on-demand environment provisioning for development and testing teams on AWS and EKS, enhancing agility and supporting continuous integration practices.*
- *Contributed to a collaborative and learning-oriented culture by conducting training sessions on Terraform, Jenkins, AWS, and EKS best practices, actively participating in knowledge-sharing initiatives.*

Project Profile:

Project: *InfraMigration*

Role: *DevOps Engineer*

Environment: *Git, Bitbucket, Jira, Terraform*

Responsibilities:

- *Orchestrated cloud migration from on-premise infrastructure to AWS using Terraform and Jenkins, ensuring minimal downtime and seamless transitions.*
 - *Automated infrastructure provisioning with Terraform on AWS reducing manual effort and enhancing deployment consistency across environments.*
 - *Designed and implemented CI/CD pipelines in Jenkins for AWS automating build, test and deployment processes for efficient and reliable software delivery.*
 - *Ensured security and compliance by implementing best practices in Terraform scripts for AWS, collaborating with security teams for regular audits.*
 - *Provided on-demand environment provisioning for development and testing teams on AWS.*
 - *Actively participated in Scrum calls for communicating the sprint updates and work progress.*
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