

Manikanta Vasu

DEVOPS ENGINEER

Summary

Currently working as Devops Engineer at **Trenotion Technology Pvt Ltd.** 3.4 years experience in software development, production infrastructure management and automation. Interested in learning new technologies and tools, contribute towards making systems more reliable and scalable, use/implement new tools to reduce toil.

Availability is what takes you far in the game.

Contact

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Education

B.Tech(Civil) from JNTU Kakinada in the year 2017.

Employment

Project : IHS Ifra Transformations

Jr.Devops Engineer

July 2020 to Current

- * Set up EKS Infrastructure with Github Actions and terraform on AWS for different environments.
- * Wrote Github Actions pipelines for multiple environments for deploying applications on EKS clusters.
- * Created and deployed kubernetes applications with helm using Github Actions on different environments.
- * Worked on kube-prometheus-stack helm chart for configuring prometheus, grafana and alertmanager for different clusters.
- * Worked on various metrics to get insights on systems and application performance including monitoring, logging, alerting using prometheus and grafana.
- * Created multiple grafana dashboards using different datasources prometheus, cloudwatch to monitor various resources from kubernetes and AWS.
- * Worked on multiple kubernetes objects creating deployments and mapping services with nginx on AWS Application Load Balancer.
- * Deployed kubecost helm chart which helped to reduce kubernetes cost allocation on various resources.

Project : Aetna (Health care)

Devops Intern

Nov 2018 to June 2020

- * Worked with terraform to automate the AWS EKS infrastructure.
- * Worked on ambassador for mapping various services in kubernetes
- * Worked on creating pods, replica sets, services, deployments, labels, health checks and ingress by writing Yaml files.
- * Maintaining multiple kubernetes clusters involved in deploying various resources. Involved in researching and implementing POC's using OSS kubernetes tools.

Skills

Docker
Kubernetes
Kafka
Prometheus
Grafana
Terraform
ELK
AWS
Python
Go