

HARISH NETULA

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Vizianagaram, India

harish-netula

HarishNetula

CAREER OBJECTIVE

A **DevOps Engineer**, with a can-do attitude. Passionate about automating and optimizing the process from development to the **deployment**. Proficient with AWS IAAS, Kubernetes, Configuration Management Tools, CI/CD Pipelines and DevOps processes.

EXPERIENCE

DevOps Engineer

INFOSYS

June 2021 – present

Hyderabad, India

- Experienced in creating Infrastructure in **AWS Platform** and maintaining critical production applications healthy.
- Expertise in **AWS Services** for Compute (Virtual Machines), AWS Websites, SQL AWS, Storage, Network services, and AWS Active Directory, Auto Scaling, PowerShell Automation.
- Implement security best practices and Configure Identity and Access Management **IAM** roles and policies.
- Design and implement backup and disaster recovery strategies using AWS services like AWS Backup, **S3** Versioning, and Cross-Region Replication
- Experienced in **AWS Kubernetes** (EKS) service for managing **nodes**, **services** and **pods** and maintaining the cluster in a healthy state.
- Managed branching, merging, tagging and other source control tasks in **GitHub**
- Worked on Installing and configuring Docker on host machines and Managing **Docker images, containers, networks and volumes** Ensuring security and compliance with best practices..
- Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and sub-nets. Managed and worked on Access policies, Network policies and Experienced in **AWS Elastic container registry**.

PROJECTS

- Created a CI pipeline using tools like Jenkins **CI/CD**, and use **Docker** to build, test, and deploy applications.
- Worked in **AWS Infrastructure** Deployment and Development.
- Responsible for maintaining **Clusters** and **Nodes**.
- Build a Docker **Jenkins** Pipeline to Implement CI/CD Workflow.
- Backing up the **Etcd** Cluster Data.
- Responsible for maintaining users in **AWS AD**.

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate / **AWS Certified**
Profile Link: <https://tinyurl.com/tyt6mw83>
- Google Cloud** Certified Associate Cloud Engineer /
Profile Link: <https://tinyurl.com/46z4tu42>

- CKA** - Certified Kubernetes Administrator
Profile Link: <https://tinyurl.com/5n999vt2>
- Docker Certified Associate
Profile Link: <https://tinyurl.com/yc5cnt97>

CODING PLATFORMS

- GitHub/GitLab**
Proficient in Git-based version control systems such as GitHub and Utilized GitHub for managing version control and pull requests.
Profile Link: <https://github.com/HarishNetula>
- CI/CD Platforms**
Implemented CI/CD pipelines using Jenkins to automate build, test, and deployment processes.

SKILLS

Languages

Python

YAML

Bash

PowerShell Scripting

Technologies and framework

Version Control: Git

Containerization: Docker

(Continuous Integration and Deployment): Jenkins

Cloud Computing: AWS, Google Cloud Platform

Database Management: MySQL

Orchestration: Kubernetes

Infrastructure as Code (IaC): Terraform

Monitoring and Logging: Grafana

Tools

Git

Slack

Docker Hub

Splunk

EDUCATION

Under Graduate

B.Tech

ANITS - Vizag

June 2016 – Sept 2020

Andhra Pradesh Board (XII)

sri chaitanya junior college, Vizag

2014 – 2016

Andhra Pradesh Board (X)

High School, Vizianagaram

2013 – 2014