

Praneeth Gangireddy

DevOps / Cloud Engineer

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PROFESSIONAL SUMMARY

*DevOps Engineer with 3 years of experience deploying and managing IT infrastructure on cloud platforms. Expertise in DevOps tools like **Jenkins, Ansible, Azure DevOps server, Terraform, Kubernetes, AWS, and Microsoft Azure.***

EDUCATION

- **The University of Texas at Tyler**
(Masters in Computer Science); GPA: 3.75/4

Tyler, Texas, USA
January 2022 – August 2023

- **G Pulla Reddy Engineering College**
(Bachelor of Technology); 75%

Kurnool, A.P, India
July 2015 - April 2019

TECHNICAL SKILLS

Operating Systems	Linux, Windows.
Cloud Services	AWS, Microsoft Azure
Version Control Tools	Git, GitHub, Azure Repos, Bitbucket
Contiguous Integration tool	Jenkins, AWS Code Pipeline, Azure DevOps Server
Build Tool	Maven
Configuration Management tool	Ansible, Puppet
Virtualization	Docker, Docker Hub
Artifactory Repositories	Nexus
Application Servers	Apache Tomcat
Database	MySQL, AWS RDS
Scripting Languages	Shell Scripting, Python, YAML, JSON
Tracking and Ticketing Tool	Jira
Monitoring Tool	CloudWatch, Azure Monitor, Prometheus, Grafana.
Code quality	SonarQube, Sonar Scanner
Container Orchestration	Kubernetes
Infrastructure as Code (IaaS)	Terraform, AWS Cloud Formation, Azure ARM Templates

PROFESSIONAL EXPERIENCE

- **Ardor IT Solutions**
DevOps Engineer

Aug 2023 - Present

- Designed, implemented, and managed Azure infrastructure, including virtual machines, storage, networking, and security.
- Experience in building and maintaining cloud resources using Terraform on Azure.
- Expertise in creating, configuring, and managing CI/CD pipelines in Azure DevOps for efficient and automated software delivery.
- Maintained Windows and Linux servers hosted in Azure Cloud and on-premises
- Collaborated with development teams to establish efficient workflows, including setting up version control (e.g., Azure Repos or GitHub) and ensuring code quality through continuous integration (CI) practices.
- Worked on Migrating On-premises virtual machines to Azure Resource Manager Subscription with Azure Site Recovery.
- Worked on Migrating SQL databases to Azure SQL.
- Deployed and maintained production environment using Azure VMs and Azure Container Registry (ACR) with Docker.
- Knowledge of Database backup, Recovery, Restoration, and Disaster Recovery Plans.
- Managed Docker orchestration and Docker containerization using Kubernetes.
- Configured Network Security Groups (NSGs) and Application Security Groups (ASGs) to control inbound and outbound

access to network interfaces (NICs), VMs, and subnets.

- Monitored Azure resources by configuring Azure Diagnostics and Azure Monitoring.
- Used Ansible Playbooks to set up Tomcat servers.
- Managed Configurations and Deployments through Kubernetes using Argo CD
- Configured Security Scans, Defect Tracking profiles in SonarQube
- Familiarity with various DevOps and SDLC methodologies including Agile Scrum

- **Tata Consultancy services**

DevOps / Cloud Engineer

Jan 2020 – Jan 2022

- Primary responsibilities include building and Deploying the Java applications onto different Environments like QA, UAT, and Prod.
- Setting up the new build environment for various applications in Windows/Linux environment.
- Worked on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, and Auto scaling to design cost-effective, fault-tolerant, and highly available systems.
- Configured Elastic Load Balancer ELB to distribute incoming application traffic across multiple EC2 instances.
- Hands-on experience in creating S3 buckets, managing policies for S3 buckets, and utilizing S3 Buckets n Glacier for storage, backup, and archiving in AWS in setting up and maintaining auto-scaling AWS stacks.
- Deployed, Monitored, and Migrated the scalable infrastructure on Amazon web services specifically on AWS EC2, and S3.
- Provisioned infrastructure for a newly onboarded project using Infrastructure as code (IaC) tools like Terraform.
- Implementing the Jenkins continuous integration tool, including installing the jobs/plans and setting up the tool for deployment.
- Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.
- Created Docker files, Docker Images & Containers.
- Used Docker Container Images to run different individual services and optimize the infrastructure cost.
- Containerizing applications using tools like Docker, Kubernetes, and DTR.
- Automating the manual process if there is any scope, by writing the Shell scripts.
- Setting up the new Build Environment for multiple applications in Linux Environment.
- Managing/Tracking the status of the defect using JIRA.

CERTIFICATIONS

- Hashicorp Certified: Terraform Associate (003)

