

Pradeep Dasari

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DevOps Engineer

Certified DevOps Engineer with 3.3 Years of Experience in Multi-Cloud Architecture, Infrastructure Automation, and CI/CD Pipelines. Proficient in GCP and AWS, with a Strong Background in Kubernetes and Terraform.

SKILLS

- AWS
- GCP
- DevOps
- Kubernetes
- Terraform
- GKE
- EKS
- Code Pipeline
- Cloud Build
- Code Build
- CI/CD
- High Availability (HA)
- Linux
- Istio
- Helm Charts
- DevSecOps
- Git
- Docker
- Grafana
- Prometheus
- Production Systems
- Disaster Recovery
- Scripting
- IaC
- Containerization
- Deployment Strategies
- Continuous Monitoring
- Kafka Mirror-Maker
- GCP Cloud Logging & Monitoring
- Deploying Elasticsearch
- Deploying Kafka
- Deploying MongoDB
- Deploying Redis

WORK EXPERIENCE

CloudTechner

Hyderabad

Associate Cloud DevOps Engineer • Full-time

04/2021 - Present

- Designed and implemented a scalable multi-tenant architecture on both Google Cloud Platform (GCP) and Amazon Web Services (AWS) using Terraform, showcasing versatility in skills.
- Independently managed infrastructure within a multi-tenant project, ensuring efficient operations.
- Orchestrated a robust three-tier architecture in AWS, following best practices for optimal performance.
- Created streamlined CI/CD pipelines using GCP Cloud Build, AWS CodePipeline, and Jenkins, accelerating the software delivery process.
- Established a DevOps KPI dashboard to monitor and improve key performance metrics, enabling data-driven decision-making and fostering collaboration.
- Designed and implemented a sophisticated multi-tenant B2B platform architecture, deploying stateful applications like Kafka, Elasticsearch, Redis, PostgreSQL, and MongoDB on Kubernetes clusters (EKS and GKE), ensuring high availability and data integrity.
- Implemented Istio Service Mesh to manage microservices within Kubernetes clusters effectively, enhancing communication and security.
- Leveraged Terraform to provision a range of services on GCP (Shared VPC, VPC Peering, GKE, Kafka, Redis, Cloud SQL) and AWS (EKS, RDS, VPC, EC2).
- Deployed services with Helm Charts and maintained stringent code quality with Sonar.
- Created an active-passive disaster recovery infrastructure to ensure business continuity, ensuring a resilient and dynamic infrastructure across both platforms.

- Applied hands-on experience in both AWS and GCP to excel in cloud architecture, automation, and DevOps best practices.
- Made a significant impact in cloud architecture, automation, and DevOps domains through expertise and skills.

Vidillion

Surat

NOC Engineer • Full-time

06/2020 - 01/2021

- Managed and maintained Linux Ubuntu server, ensuring optimal performance and security in AWS
- Utilized monitoring tools such as Black Box, PRTG, Kibana, and WhatsUp Gold to proactively identify and resolve server issues
- Implemented efficient troubleshooting techniques to minimize downtime and increase server uptime
- Collaborated with team members to develop and implement server maintenance schedules, ensuring timely updates and patch installations
- Streamlined server processes and configurations, resulting in improved efficiency and reduced resource usage
- Monitored server logs and generated reports to track performance metrics and identify areas for improvement

NTT Global Networks

Surat

Network Engineer • Full-time

07/2019 - 06/2020

- Monitored and maintained all 75 branches' links of Punjab National Bank under Surat Circle, ensuring smooth and uninterrupted connectivity
- Troubleshot any issues or problems that arise, promptly resolving them to minimize downtime and optimize network performance
- Successfully configured Cisco routers and switches, enhancing network efficiency and allowing for seamless and efficient data transmission

SequelOne Solutions Pvt. Ltd

Ahmedabad

Network Engineer • Full-time

01/2019 - 06/2019

ITCONS e-Solutions Limited

Surat

Field Engineer • Full-time

04/2018 - 01/2019

EDUCATION

TKR College Of engineering & technology

Bachelor of Technology - BTech in Electronics and Communications Engineering •
GPA: 2.7

Hyderabad •
07/2014 - 06/2017

VMR Polytechnic

Diploma in Electronics and Communications Engineering • GPA: 3

Warangal, Telangana • 07/2011 - 06/2014

CERTIFICATIONS

Google Cloud Certified Associate Cloud Engineer

11/2022 - 12/2025

AWARDS

YOU ARE A GEM

04/2023

CloudTechner

PROJECTS

Large B2B Client retail client based in Chile

02/2024 - Present

- In my role, I designed and implemented a sophisticated multi-tenant B2B platform architecture on both Google Cloud Platform (GCP) and Amazon Web Services (AWS).
- This involved deploying stateful applications like Kafka, Elasticsearch, redis, Postgres and MongoDB on Kubernetes

clusters(EKS and GKE), ensuring high availability and data integrity.

- To manage microservices within Kubernetes clusters effectively, I implemented Istio Service Mesh, enhancing communication and security.
- Leveraging Terraform, I provisioned a range of services on GCP (Shared VPC, VPC Peering, GKE, Kafka, Redis, Cloud SQL) and AWS(EKS, RDS, VPC, EC2).
- For CI/CD, I established robust pipelines using GCP Cloud Build and AWS CodePipeline, CodeBuild. And automating build and deployment processes.
- I deployed all the services with Helm Charts, maintained stringent code quality with Sonar.
- And created an active-passive disaster recovery infrastructure to ensure business continuity. This multi-cloud approach ensured a resilient and dynamic infrastructure across both platforms.

DevOps KPI Dashboard

10/2021 - 01/2022

- Developed a DevOps dashboard using Grafana and Prometheus to monitor key metrics and performance indicators of various systems
- Utilized Prometheus and Prometheus exporters to efficiently collect and retrieve data from Jira, GitHub, Sonar, and AWS Code Pipeline
- Successfully integrated the dashboard with the aforementioned tools, providing real-time insights and analysis for effective decision making
- Improved overall system visibility and performance monitoring by providing graphical representations and visualizations of data from multiple sources
- Contributed to enhancing team productivity and efficiency by enabling quick identification and resolution of issues through comprehensive monitoring and analysis

3 tier architecture in AWS using Terraform

09/2021 - 10/2021

- Designed and implemented a scalable 3-tier architecture in AWS using Terraform
- Developed infrastructure that can be used across all environments
- Provisioned various AWS services including RDS, ECS, Load Balancer, S3 buckets, VPC, security groups, EC2 Instances, and Secrets Manager for password storage

3 tier architecture in AWS using Cloud Formation

08/2021 - 08/2021

- Implemented AWS Cloud Formation automation to build a 3-tier infrastructure using JSON/YAML language template
- Developed code within the template to automate the creation of VPC and RDS in two separate Availability Zones (AZs)

AWS Infrastructure Automation and CI/CD using Jenkins

07/2021 - 07/2021

- Successfully provisioned AWS Services (EC2, S3, VPC, ECS, RDS, Redis) using Terraform in a multi-AZ setup
- Implemented a CI/CD Pipeline using Jenkins to deploy code on a tomcat server, integrating Junit and Sonar