

K VINOD KUMAR

DevOps Engineer

PROFESSIONAL SUMMARY

Multi Cloud DevOps Engineer with 5+ years of experience in cloud infrastructure and automation across AWS and GCP. Experienced in Linux environments, GitLab CI/CD, Jenkins, Terraform, Docker, and Kubernetes. Focused on reliable deployments, infrastructure security, monitoring, and production troubleshooting.

WORK HISTORY

DevOps Engineer, Oct 2024 - Present

Client: IBM

- Built and maintained **GitLab CI/CD** pipelines for automated builds, security scans, and deployments across development, staging, and production environments.
- Provisioned AWS infrastructure with **Terraform** modules and integrated infrastructure changes into the release workflow.
- Managed **Terraform** remote state in S3 with **DynamoDB** locking and reviewed infrastructure changes through merge requests.
- Built **Docker** images and deployed containerized workloads to **Amazon EKS** through CI/CD pipelines.
- Configured protected branches, pipeline secrets, and approval controls to govern production releases.
- Standardized deployment workflows and maintained rollback procedures to improve release reliability.
- Worked with **Amazon MSK** to support **Apache Kafka** integration for event-driven applications.
- Investigated pipeline and **Kubernetes** deployment failures using logs and monitoring data, coordinating fixes with development teams.
- Automated repetitive manual activities using Python to reduce operational effort and improve consistency

AWS DevOps Engineer, Dec 2023 - Sep 2024

Client: Siemens

- Managed AWS environments with a focus on infrastructure security, resilience, and cost efficiency.
- Built and maintained **Jenkins** pipelines to automate application builds and deployments.

CONTACT

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SKILLS

Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP)

AWS: EC2, VPC, S3, RDS, EKS, IAM, ELB, Auto Scaling, Route 53, SQS, Amazon MSK

Infrastructure as Code: Terraform, reusable modules, CloudFormation

CI/CD and Version Control: GitLab CI/CD, Jenkins, Git, GitHub

Containers: Docker, Kubernetes, Amazon EKS; basic familiarity with Helm

Monitoring: Amazon CloudWatch, Prometheus, Grafana

Automation and Systems: Ansible, Bash, Shell scripting, Linux, Python.

- Containerized applications with **Docker** and deployed workloads to **Kubernetes** on **Amazon EKS**.
- Provisioned cloud resources through reusable **Terraform** modules and maintained infrastructure configuration.
- Debugged Python script failures and updated existing automation to support changing project requirements.
- Configured monitoring dashboards and alerts to identify infrastructure and application issues.

AWS Engineer, Dec 2020 - Dec 2023

Client: Infosys

- Designed and maintained AWS environments using VPC, EC2, Elastic Load Balancing, Auto Scaling, IAM, and RDS.
- Automated infrastructure provisioning and routine operational tasks with **Terraform** and Shell scripts.
- Configured **CloudWatch** metrics and alarms to monitor resource health and support incident response.
- Supported cloud migrations, environment optimization, and ongoing AWS operations.

PROJECTS

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- Automated AWS provisioning with **Terraform** and worked with **Terragrunt** configuration.
- Supported EKS environments with least-privilege IAM and private networking.

Bombardier Transportation

- Provisioned VPCs, subnets, routing, and network security with **Terraform**.
- Supported **Docker** workloads, scheduled maintenance with cron, and tuned **Linux** performance during periods of high load.

IHS

- Managed EC2, S3, RDS, Route 53, and IAM configurations for application environments.
- Implemented lifecycle and backup policies and automated resource provisioning.

EDUCATION

Bachelor of Technology in Engineering | 2020

St. Martin's Engineering College, JNTU Hyderabad
