

Lokesh Acharya

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Professional Summary

Cloud & DevOps Engineer with 3+ years of experience in designing, deploying, and managing cloud infrastructure and CI/CD pipelines. Skilled in AWS, Docker, Kubernetes, Terraform, and GitHub Actions, with hands-on experience in automation, monitoring, and infrastructure as code (IaC). Proven ability to optimize deployments, improve reliability, and support agile development environments.

Core Skills

Languages: C/C++, Python, SQL, Bash, Shell Scripting

Operating System: Windows, Ubuntu, CentOS, Amazon Linux

Cloud Platforms: AWS (EC2, S3, IAM, VPC, Lambda, RDS, CloudWatch, EKS)

CI/CD: Jenkins, GitHub Actions, ArgoCD

Containers & Orchestration: Docker, Docker Compose, Kubernetes, Helm

Infrastructure as Code: Terraform, Ansible, CloudFormation

Version Control: Git, GitHub

Monitoring & Logging: Prometheus, Grafana, ELK Stack, CloudWatch

Networking: Load Balancing, DNS, SSL, Firewalls, Nginx, Apache

Cloud Networking: VPC, Subnets, Route Tables, Security Groups

Database: RDS, DynamoDB

Work Experience

Cloud/DevOps Engineer

Tata Consultancy Services (TCS)

May 2024 - Present

- Designed and deployed scalable cloud infrastructure on AWS using EC2, S3, VPC, and IAM.
- Implemented CI/CD pipelines using GitHub Actions to automate build, test, and deployment processes.
- Containerized microservices using Docker and deployed them on Kubernetes (EKS) clusters with Helm charts.
- Automated provisioning of cloud resources with Terraform, reducing manual effort by 60%.
- Integrated Prometheus and Grafana for real-time monitoring and alerting of production workloads.
- Automated environment setup using Ansible, ensuring consistent configurations across environments.
- Collaborated with developers to establish Git branching strategies and improve code integration practices.
- Improved release stability through systematized rollback mechanisms in pipelines.

Key Achievements:

- Reduced deployment failures by 40% through CI/CD pipeline optimization.
- Migrated on-prem applications to AWS EKS, leading to 30% infrastructure cost savings.

Cloud Support Engineer

Tata Consultancy Services (TCS)

July 2022 - Mar 2024

- Supported cloud-based applications hosted on AWS (EC2, RDS, ELB, S3).
- Collaborated with cross-functional teams to ensure secure and compliant cloud operations.
- Monitored application and infrastructure logs using CloudWatch and ELK stack.
- Supported deployment of containerized Java applications on Docker Swarm and Kubernetes clusters.
- Performed daily maintenance tasks and backups using Bash and Python scripts.
- Implemented infrastructure automation with Terraform for EC2, RDS, and VPC management.

Education

JECRC Foundation

B.Tech in Information Technology

Aug 2018 - June 2022

CGPA : 8.4

Awards and Certificate

- AWS Certified Solutions Architect – Associate
- AWS Certified Developer - Associate