

Aditya Narayan

DevOps Engineer

DevOps professional with 3+ years of experience. Skilled in automating CI/CD pipelines, managing infrastructure, and securing Kubernetes on AWS. Recognized for optimizing software delivery, implementing monitoring, and prioritizing security. Committed to operational excellence and fostering collaboration between development and operations teams.



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EDUCATION

Bachelor of Technology in Electronics and Communication Engineering

PES University, Bengaluru

2016 - 2020

WORK EXPERIENCE

DevOps Engineer

Sigma Infosolutions Pvt Ltd

2020 - 2023

Tasks

- Setup CI/CD pipelines using Jenkins, Bitbucket, Argocd and ECR(Elastic Container Registry) and handled deployments of microservices using Helm package manager.
- Managed the AWS cloud platform for diverse clients, overseeing a spectrum of services. Ensured seamless operation, optimal resource utilisation, and adherence to best practices for enhanced system performance and security.
- Set up development, staging, and production environments on AWS EKS. Deployed necessary services like databases, microservices, ISTIO service mesh, ingress gateways, HPA rules, cluster-autoscaler, and monitoring tools like Prometheus and Opensearch.
- Performed data migration of mongodb and Elasticsearch.
- Setup blue/green deployment models within AWS cloud environment to establish zero downtime deployments.
- Trained and mentored team members to investigate and resolve the infrastructure issues.

DevOps Consultant Freelance

2024 - Present

Tasks

- Automated end-to-end infrastructure creation for development, staging and production environments using Terraform scripts.
- Established CI/CD pipelines with GitHub Actions, ECR, and ArgoCD.
- Architected release management strategies, branching techniques, and hotfix management.
- Implemented monitoring, logging, and distributed log tracing solutions.
- Implemented IAM identity management using Keycloak and OAuth-proxy for authentication and authorization.

PERSONAL SKILLS

Positive Attitude

Empathy

Continuous Learning

Team Management

Mentorship

Problem-Solving

TECHNICAL SKILLS

Operating Systems

- Linux, Windows

Containerisation & Container Orchestration

- Docker, Docker Compose, Kubernetes

Continuous Integration & Continuous Deployment

- Github Actions, Jenkins, Argo CD

AWS Cloud Services

- IAM, VPC, EKS, EC2, ELB, ECR, S3, Route53, ACM, RDS, EBS, SNS, SQS, Cloudwatch, KMS, Secrets Manager

Monitoring & Observability

- EFK Stack(Elasticsearch, FluentBit & Kibana), Kube Prometheus Stack(Prometheus, Grafana & Alertmanager), Loki

Infrastructure as Code

- Terraform

Version Control

- Github, Bitbucket, Gitlab

Scripting

- Python, Bash

Other Services

- Istio Service Mesh, Nginx, Jaeger, GoDaddy DNS, Cloud DNS(GCP), Helm, aws cli, eksctl cli, kubectl cli, Nexus, Keycloak, OAuth Proxy, JIRA, MongoDB, Postgresql, Postman

ACHIEVEMENTS

Junior in Karnataka Classical Music (vocal)

Conducted by Karnataka Secondary Education Examination Board (KSEEB)

INTERESTS

Meditation

Volunteer work

Cooking

Music