

SUMMARY

DevOps Engineer with over 5 years of experience in IT infrastructure, cloud computing, and automation, with a strong focus on AWS and DevOps methodologies. Proven track record of designing and implementing scalable, resilient, and efficient cloud environments to drive operational excellence and business agility.

**Monitoring & Observability:** At **Sparkviz Technologies**, designed and implemented enterprise-grade monitoring solutions using **Prometheus** and **Grafana**, enabling real-time visibility, faster issue detection, and proactive incident management. Developed Kubernetes-native monitoring systems to improve performance and uptime.

**Cloud & Automation Expertise:** Hands-on experience in **AWS services**, automation tools, and container orchestration (**Docker & Kubernetes**). Led the design and deployment of a scalable microservices framework on AWS, reducing deployment time by 98% and enhancing system resilience.

**Infrastructure as Code (IaC):** Proficient in **Terraform**, enabling automated, consistent, and efficient cloud infrastructure provisioning across environments.

**Innovation & Efficiency:** Spearheaded the development of a Cloud Automation Platform at Sparkviz, improving AWS resource management and reducing provisioning time by 30% through streamlined automation workflows.

PROFESSIONAL EXPERIENCE

Sparkviz Technologies  
DevOps Engineer  
Oct 2020 – Present

Project: AWS Cloud Automation Platform (May 2023 – Present)

- Architected and deployed a scalable microservices infrastructure on **AWS EKS**, improving system reliability and reducing deployment failures by 85%.
- Built automated CI/CD pipelines using **Jenkins** and **Terraform**, reducing deployment time by 70%.
- Implemented Kubernetes autoscaling and optimized resource usage, reducing AWS costs by 30%.
- Integrated **Prometheus** and **Grafana** for real-time observability and alerting, cutting downtime by 40%.
- Enforced security through proper **IAM**, **security groups**, and least-privilege policies.

Project: CI/CD Pipeline Transformation (Oct 2020 – Apr 2023)

- Designed and managed end-to-end CI/CD pipelines using **Jenkins**, **GitHub**, **SonarQube**, and **Nexus**.
- Deployed containerized microservices on **EKS** using **Docker** and **Helm**.
- Automated infrastructure provisioning with **Terraform**, managing Jenkins agents and AWS infrastructure.
- Set up **Slack** alerts and integrated monitoring via **Prometheus** and **Grafana**.
- Achieved **60% faster deployments**, **3x release frequency**, and **40% fewer production incidents**.

CloudSphere Technologies  
DevOps Intern  
Jul 2020 – Oct 2020

- Gained hands-on experience with **AWS core services** including EC2, S3, IAM, and basic **Linux** server management.
- Supported the deployment of simple infrastructure as part of real-time scenarios.

SKILLS

AWS

Terraform

GIT Hub

Git

Jenkins

Docker

Ansible

Kubernetes

Nginx

Redis

Prometheus

Grafana

Linux

Shell Scripting

S3

EC2

VPC

ELB

Lambda

IAM

Route 53

Cloudtrail

Cloudwatch

CloudFormation

Confluence

Jira

EDUCATION

Bachelor of Technology

Gurunanak Institutions of Technical Campus

Graduated: August 2020 Grade: 65%