Samruddhi Patil

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Professional Summary

DevOps and Cloud Platform Engineer with 1+ year of experience designing, automating, and operating production-grade infrastructure across AWS and Azure environments. Skilled in Infrastructure as Code, container orchestration, and CI/CD automation using Terraform, Kubernetes, and Docker. Reduced deployment time by 70%, achieved 99.9% uptime, and accelerated environment provisioning from days to minutes through automation and reliability engineering.

Technical Skills

Cloud: AWS (EC2, VPC, S3, RDS, CloudFront, Route53, Lambda, ECS, ECR, Auto Scaling, CloudWatch), Azure (VMs, VNets, Storage, Load Balancer)

DevOps: GitLab CI/CD, GitHub Actions, Terraform, Terragrunt, Ansible

Containers: Docker, Kubernetes, Docker Swarm

Monitoring: Prometheus, Grafana, CloudWatch

Languages/Scripting: Bash, Python

Databases: MySQL, PostgreSQL, AWS RDS

Systems/Tools: Linux, Git, Nginx, Apache

Experience

Cloud Platform Engineer Jul 2024 – Present
Futurescape Technologies *Vashi, Mumbai*

- Engineered GitLab CI/CD pipelines with secrets management enabling zero-downtime deployments and reducing manual releases by 70%
- Provisioned and managed 30+ AWS and Azure virtual machines using Terraform and Terragrunt with Infrastructure as Code practices
- Containerized and deployed 50+ microservices using Docker, Kubernetes, and Docker Swarm improving scalability and reliability
- Designed highly available multi-tier architectures with Load Balancers, Auto Scaling, and CDN services achieving 99.9% uptime
- Reduced application latency by 40% through optimized cloud architecture and migration of legacy systems
- Automated client onboarding using Terraform and AWS SDK reducing setup time from 2–3 days to under 30 minutes
- Implemented monitoring stack with Prometheus, Grafana, and CloudWatch reducing incident detection time by 60%
- Managed AWS RDS (MySQL, PostgreSQL) including backups, tuning, and high-availability configurations

Projects

DevOps Self-Service CI/CD Platform 2024
- Built internal developer portal to automate GitLab pipeline creation and deployment workflows
- Reduced manual configuration effort and accelerated release cycles across teams

Zero-Downtime Deployment with Automated Rollback 2024
- Designed deployment pipeline using AWS CodeBuild, ECR, and GitLab CI/CD to build Docker images and deploy to EC2
- Implemented automatic rollback strategy to ensure reliability during failures

Reusable Terraform Infrastructure Modules 2024
- Developed modular Terraform templates for provisioning AWS infrastructure
- Improved consistency and reduced setup time by 60%

Education

Bachelor of Engineering (Information Technology) 2024
Bharati Vidyapeeth College of Engineering, Kharghar *CGPA: 9.0/10*

Certifications

- HashiCorp Certified: Terraform Associate (003)
- AWS Cloud Technical Essentials

Achievements

- Reduced deployment time by 70% through CI/CD automation
- Achieved 99.9% uptime with highly available cloud architecture
- Reduced infrastructure setup time by 60% using reusable Terraform modules