Siddhesh Gujar

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DevOps-driven Cloud Engineer with practical expertise in AWS, Terraform, Jenkins, Docker, and Kubernetes. Skilled in building automated CI/CD pipelines, deploying scalable architectures, optimizing cloud costs, and implementing strong monitoring and security controls across cloud environments.

TECHNICAL SKILLS

• AWS EC2	• CloudFormation	• Jenkins	• Terraform
• S3	• CloudWatch	• GitHub Actions	• Bash,Python,SQL
• VPC	• Route 53	• AWS CodePipeline	• Prometheu,Grafana
• IAM	• RDS, EBS, EFS	• Docker	• PuTTY, Postman

WORK EXPERIENCE

Cloud Engineer|Cognizant , Pune   **02 /2024 – Present**
- Designed, deployed, and managed AWS cloud infrastructure for internal and client applications.
- Automated infrastructure provisioning using Terraform and CloudFormation, reducing manual effort by 60%.
- Implemented CI/CD pipelines using Jenkins and GitHub Actions.
- Developed IAM policies, security groups, and VPC configurations to enhance cloud security.
- Configured monitoring dashboards using Prometheus, Grafana, and CloudWatch.

Tools used: Cloud & Aws tools, Devops & Automation, Containerization & Orchestration, Monitoring, Git.

PROJECTS

Cloud Cost Optimization & Monitoring Implementation – SilverOak Tech Solutions | Cognizant
- Implemented an AWS-based real-time cost optimization and monitoring solution for a US client.
- Leveraged AWS Cost Explorer, Budgets, and tagging strategies to track and control multi-environment cloud spend.
- Integrated CloudWatch dashboards & alarms for monitoring compute, storage, and network utilization.
- Automated shutdown of non-critical EC2 instances using Lambda + CloudWatch Events, reducing monthly cost by 25%.

End-to-End CI/CD Pipeline Automation for Microservices
- Designed and implemented a fully automated CI/CD pipeline using Jenkins, GitHub, Docker, and AWS ECS/EKS.
- Configured ECR for image storage and integrated rolling deployments with ECS/EKS.
- Reduced deployment time by 70% and eliminated manual errors.

Secure 2-Tier Architecture Deployment on AWS
- Designed and deployed a secure, scalable 2-tier architecture with separate application and database layers on AWS.
- Built a custom VPC with public/private subnets across multiple AZs for high availability.
- Configured Internet Gateway, NAT Gateway, route tables, and security components for controlled access.
- Implemented Application Load Balancer and Auto Scaling Groups for performance and fault tolerance.

EDUCATION

Post Graduate Diploma in Advanced Computing   **08/2023– 02/2024**
CDAC, KOCHI.

Bachelor of Engineering in Mechanical Engineering   **06/2018– 06/2023**
Tssm's Bhivrabai College of engineering & Research