

SANSKAR GOYAL

DevOps Engineer | Site Reliability Engineer

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SUMMARY

DevOps and Site Reliability Engineer, 1 year at Minfy Technologies, operating AWS, Kubernetes, CI/CD alongside senior engineers. Drove 25% cloud-cost savings, raised deploy success to 98%, engineered ZEPLOY, a CLI cutting deploy effort 60%; built a self-healing MLOps system. Certified: AWS SAA, Azure AZ-104, OCI Professional.

ACHIEVEMENTS

Winner — 1st Place, PromptWars Hyderabad 2026 | GenAI prompt-engineering competition, Google for Developers × Hack2skill | Verify (Cert W00001)

WORK EXPERIENCE

Associate DevOps Engineer / Site Reliability Engineer, Minfy Technologies Oct 2025 – Present

- Provisioned multi-tenant AWS environments with guidance from senior engineers, writing Terraform modules for ECS, ECR, S3, and VPC plus ALB/NLB load balancing with TLS termination, hosting 10+ microservices.
- Operated Amazon EKS clusters with the platform team, tuning HPA and Helm to uphold 99.9% uptime.
- Deployed Prometheus, Grafana, and ELK Stack dashboards with senior SREs, cutting MTTD 35%, MTTR 25%.
- Partnered with security teams to embed SonarQube, container scanning, and AWS Secrets Manager in CI/CD, remediating critical vulnerabilities pre-release.
- Pinpointed EC2 rightsizing and Savings Plans cost optimization options, driving 25% lower AWS spend.
- Defined SLOs/SLIs with senior engineers and automated incident runbooks, lifting availability 99.5% to 99.9%.
- Standardized GitOps on GitHub Actions with platform leads, enabling 15+ deploys/week at 98% success.

Tech Intern, DevOps Engineer, Minfy Technologies Apr 2025 – Sep 2025

- Shipped ZEPLOY, a Go/Python CLI automating ECS Fargate deployments, saving 60% of effort for 5 teams.
- Revamped Jenkins pipelines under senior review, lifting deploy success from 85% to 98%, trimming runtime 40%.
- Streamlined Docker images with multi-stage builds and Trivy scanning, shrinking image sizes by 30%.
- Authored Ansible playbooks for server provisioning, compressing manual setup from 4 hours to 15 minutes.
- Coached 2 junior interns on Docker and Jenkins fundamentals during onboarding.

PROJECTS

ZEPLOY – AWS Deployment CLI Go, Python, Docker, Amazon ECS, AWS Fargate, GitHub Actions

- Unified Fargate deployments into a single-command CLI, reducing deploy time from 25 to 5 minutes.
- Implemented health-check-validated rollback via GitHub Actions, restoring failed releases automatically.

Predictive Infra Health & Self-Healing System Python, Docker, Amazon EKS, Prometheus, CloudWatch, ELK

- Trained an ML model on Prometheus/CloudWatch and ELK telemetry to predict failures and localize root causes.
- Built a remediation layer recommending node drains, rolling restarts, and scale-downs before failures cascade.
- Closed the MLOps loop with containerized inference on EKS, drift monitoring, and continuous retraining.

SKILLS

Cloud & Containers: AWS (EC2, ECS, EKS, Fargate, Lambda, S3, IAM), Azure, OCI, Docker, Kubernetes

IaC & CI/CD: Terraform, Ansible, CloudFormation, Jenkins, GitHub Actions, GitLab CI/CD, ArgoCD, GitOps

MLOps: Model Training, Model Serving, Anomaly Detection, Drift Monitoring, Continuous Retraining

Monitoring & Observability: Prometheus, Grafana, CloudWatch, ELK Stack, SLIs/SLOs, MTTD/MTTR

Reliability: High Availability, Incident Management, Runbook Documentation, Failure Prediction

Security & Networking: SonarQube, Trivy, RBAC, SAST, Secrets Management, TLS, L4/L7 Load Balancing, DNS

Scripting & OS: Python, Bash, TypeScript, SQL; Linux administration, Windows Server

EDUCATION

B.Tech, Computer Science and Engineering, SRM Institute of Science and Technology, Chennai 2021 – 2025

CERTIFICATIONS

AWS Certified Solutions Architect, Associate | Microsoft Azure Administrator Associate, AZ-104

OCI 2025 Certified DevOps Professional | OCI 2025 Certified Multicloud Architect Professional