Prakhar Maheshwari

Cloud & DevOps Engineer | Site Reliability Engineer (SRE) | Platform Engineer
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Professional Summary

Cloud and DevOps Engineer with 3+ years of experience building and operating cloud-native platforms on Google Cloud Platform (GCP). Strong expertise in CI/CD automation, Kubernetes (GKE), Terraform (Infrastructure as Code), and DataOps systems including Apache Airflow and BigQuery. Proven record of improving deployment reliability, driving innovation through automation, SRE best practices, cloud cost optimization (FinOps), security automation, and scalable platform engineering across DevOps, SRE, and Data Engineering teams.

Technical Skills

Cloud (GCP):
GKE, Compute Engine, VPC (CIDR, Subnets, Firewall Rules), BigQuery, Cloud Composer, Vertex AI, Cloud Storage, Artifact Registry, IAM & Service Accounts (roles & permissions)

DevOps / SRE:
CI/CD Pipelines (GitHub Actions, Concourse CI, Jenkins(familiar)), Terraform (Infrastructure as Code), Kubernetes (GKE), Helm, Docker, Monitoring, Logging, SLIs, SLOs, SLAs

DataOps:
Apache Airflow, BigQuery SQL, Schema Automation

Programming:
Python, SQL, Bash

Security:
Prisma Cloud, Veracode, Aqua Security, Container Vulnerability Scanning, Secure CI/CD

Tools:
Git, GitHub, Linux (Ubuntu), Jira, Confluence, ServiceNow

Soft Skills:
Ownership mindset, Cross-team collaboration, Problem-solving, Clear communication

Professional Experience

Accenture — Pune, India
Cloud & DevOps / DataOps Engineer (CNA Insurance)   Oct 2022 – Present

- Migrated CI/CD pipelines from GitLab and Concourse to GitHub Actions, improving deployment throughput by **30%** using OIDC authentication and standardized artifact versioning.
- Containerized and deployed a FastAPI application on Kubernetes (GKE) using Helm, integrating it with Vertex AI endpoints for inference and scalable request-response handling.
- Built and operationalized MLOps workflows using Vertex AI and Kubeflow Pipelines for automated model deployment and versioning.
- Automated Apache Airflow DAG deployments with GitHub Actions, integrating schema validation and auto-DDL workflows to improve DataOps efficiency by **40%**.
- Built reusable Terraform (Infrastructure as Code) modules for IAM, service accounts, and BigQuery datasets, empowering data engineers to provision infrastructure on-demand, cutting setup time by **40–50%** and reducing DevOps support requests.
- Integrated Prisma Cloud, Veracode, and Aqua Security into CI/CD pipelines, remediating **100+** container and dependency vulnerabilities.

- Achieved **20–30%** GCP cost reduction through storage audits, Airflow optimization, and BigQuery lifecycle policies and usage controls.

Education

Lakshmi Narain College of Technology & Science (LNCTS) — Bhopal, India
Bachelor of Technology (B.Tech) in Computer Science and Engineering   2018 – 2022
CGPA: 8.47

Certifications

- Google Cloud Associate Cloud Engineer (ACE)
- Google Cloud Professional Cloud DevOps Engineer
- Google Cloud Generative AI Leader
- Microsoft GitHub Actions
- Microsoft GitHub Copilot

Key Achievements

- Improved CI/CD platform reliability by **50%** through container hardening, dependency upgrades, and workflow optimization.
- Implemented GCP cost governance using lifecycle policies, usage monitoring, and budget alerts across multiple projects.
- Received multiple recognitions for cloud engineering contributions and delivery excellence.