

# Rahul Kumar

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## PROFESSIONAL SUMMARY

Platform Engineer with 10+ years building and scaling cloud infrastructure across GCP and AWS. Currently leading Internal Developer Platform (IDP) strategy at Rackspace, abstracting Kubernetes complexity for product teams and driving SRE adoption with SLOs and error budgets. Delivered 25% cloud compute cost reduction (\$15k/month) across 50+ microservices, cut environment provisioning from 3 days to 15 minutes with modular Terraform, and achieved 95% critical vulnerability catch rate pre-deployment. 4x Google Cloud Professional certified (DevOps, Developer, Security, Architect) and CKA holder. Looking to bring platform engineering expertise to a high-scale, customer-focused environment.

## CORE COMPETENCIES

Kubernetes AWS GCP Terraform Internal Developer Platforms CI/CD Pipelines

SRE / SLOs / Error Budgets Docker & Containers Infrastructure as Code API Gateway (APISIX) Cloud Security

Observability Microservices Helm

## EXPERIENCE

### Rackspace Technology

Jul 2022 - Present

#### Lead Platform Engineer | London, UK

- **Architected the Internal Developer Platform (IDP)**, abstracting Kubernetes complexity and providing self-service infrastructure primitives for 6+ product teams
- **Drove SRE adoption** across engineering: defined SLOs and error budgets for critical transactional flows, reducing unplanned downtime
- **Cut cloud compute costs 25%** (\$15k/month) by optimizing Kubernetes resource requests and limits across 50+ microservices
- **Built modular Terraform library** for standardized VPC and GKE provisioning, reducing new environment setup from 3 days to 15 minutes
- **Shifted security left** by integrating Cloud Security Command Center and Terrascan into CI/CD, catching 95% of critical vulnerabilities pre-deployment
- Designed automated data pipelines for Staging/Dev environment hydration with PII masking for GDPR compliance
- Implemented end-to-end APISIX API gateway for microservices traffic management and routing
- Managed CI/CD pipelines with GitHub Actions and Cloud Build for consistent, automated deployments
- Led DevOps training sessions for development teams, building a culture of platform thinking and continuous improvement

### Rackspace Technology

Apr 2020 - Jun 2022

#### Senior Cloud Engineer | Gurgaon, India

- Managed GCP environments for multiple enterprise customers, maintaining uptime and performance SLAs
- Built HTTP/HTTPS/TCP load balancers with backend services, SSL termination, and health checks
- Configured IAM roles, permissions, and security policies enforcing least-privilege access
- Provisioned on-demand VMs, GKE clusters, Cloud SQL instances, and storage per customer requirements
- Set up VPN tunnels connecting on-premises and multi-cloud environments to GCP
- Created and maintained firewall rules and VPC configurations for network segmentation

**Project Engineer | Pune, India**

- Led transition from traditional SDLC to DevOps practices, improving deployment frequency and reliability
- Configured VPC networks, subnets, firewalls, and load balancers on Google Cloud Platform
- Designed and maintained Hadoop infrastructure and data processing pipelines
- Deployed applications on App Engine for zero-downtime releases

**CERTIFICATIONS**

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Google Cloud Professional Cloud Architect

Google Cloud Professional Cloud DevOps Engineer

Google Cloud Professional Cloud Security Engineer

Google Cloud Professional Cloud Developer

Google Cloud Certified GenAI Leader

CNCF Certified Kubernetes Administrator (CKA)

**EDUCATION**

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**BSc Computer Science - Magadh University, Patna, India**

2015

**TECHNICAL SKILLS**

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**Cloud:** GCP (Expert), AWS, GKE, Cloud Run, VPC, IAM, Cloud Armour   **Containers:** Kubernetes, Docker, Helm

**IaC:** Terraform, Ansible, CloudFormation   **CI/CD:** GitHub Actions, Cloud Build, Jenkins

**Observability:** Prometheus, Grafana, Cloud Monitoring/Logging   **Scripting:** Python, Bash, SQL   **API:** APISIX, Apigee

**Security:** Cloud SCC, Terrascan, IAM