

Pruthvi S

Senior Cloud Architect | DevOps Lead | Platform Engineer

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PROFESSIONAL SUMMARY

Senior Cloud Architect and DevOps Lead with 9+ years of experience in enterprise cloud infrastructure, network automation, and security implementation. Proven expertise in end-to-end GCP platform engineering, multi-cloud migrations, and establishing enterprise-grade security frameworks. Led critical initiatives including AWS-to-GCP migrations, SOC2 compliance implementations, and zero-trust security architectures for Fortune 500 clients in Financial Services, Telecommunications, and Retail sectors.

Core Expertise: GCP Cloud Architecture | DevOps & GitOps | Platform Engineering | Site Reliability Engineering | Network Automation | Security & Compliance | Multi-Cloud Migration

TECHNICAL SKILLS

Cloud Platforms: Google Cloud Platform (GCP), Amazon Web Services (AWS) **Container & Orchestration:** Kubernetes (GKE), Docker, Helm, Istio Service Mesh **DevOps & CI/CD:** GitHub Actions, Bitbucket Pipelines, Cloud Build, ArgoCD, Jenkins **Infrastructure as Code:** Terraform, Ansible, Pulumi **Security & Compliance:** Cloud Armor, Next-Gen Firewalls, EDR/XDR, IAM/JIT, SOC2 Compliance **Monitoring & Observability:** Prometheus, Grafana, Cloud Monitoring, Logging, Alerting **Programming & Automation:** Python, Bash, Go, YAML, JSON **Networking:** SDWAN, VPN, IPSEC, Network Security, Load Balancing **Databases:** CloudSQL, BigQuery, Firestore

PROFESSIONAL EXPERIENCE

Calix Inc. | March 2025 - Present *Senior Cloud Platform Engineer* *Leading cloud infrastructure modernization and platform engineering initiatives*

- Architecting next-generation cloud platform solutions for telecommunications infrastructure
- Implementing advanced DevOps practices and GitOps workflows for platform automation
- Establishing cloud-native monitoring and observability frameworks
- Leading cross-functional teams in platform reliability and performance optimization

Publicis Sapient | December 2023 - March 2025 *Senior Associate Infrastructure L1 / GCP DevOps Lead* *Delivered enterprise-scale cloud transformation and security implementations for financial services clients*

Key Achievements:

- **Cloud Security & Compliance:** Designed and implemented end-to-end Cloud Armor protection for critical workloads, achieving 99.9% uptime and SOC2 compliance
- **Next-Gen Security:** Led implementation of Next-Generation Firewalls and EDR/XDR solutions, reducing security incidents by 85%
- **Landing Zone Architecture:** Architected and deployed enterprise GCP Landing Zone with security guardrails, enabling rapid onboarding of 50+ applications
- **Network Optimization:** Implemented VPP+IPSEC networking stack, optimizing network bandwidth by 40% and reducing latency by 30%
- **Multi-Cloud Migration:** Successfully led AWS-to-GCP migration for enterprise workloads, reducing infrastructure costs by 35%
- **GitOps & CI/CD:** Established infrastructure CI/CD pipelines using GitHub Actions, Bitbucket, and Cloud Build, reducing deployment time by 60%
- **IAM & Access Management:** Designed and implemented Just-In-Time (JIT) IAM framework for production access, ensuring SOC2 compliance and reducing access-related incidents by 90%
- **Network Automation:** Automated GCP network infrastructure provisioning using Terraform and Python, reducing manual effort by 80%

Technical Environment: GCP, Terraform, Kubernetes (GKE), ArgoCD, Cloud Build, Cloud Armor, Python, Ansible

Codincity Digital Technologies | January 2022 – December 2023 *Cloud Lead / GCP DevOps Architect* *Led cloud-native application development and DevSecOps implementation initiatives*

GCP DevOps & Platform Engineering:

- **Container Orchestration:** Architected and deployed scalable GKE workloads with auto-scaling capabilities, supporting 10M+ daily transactions
- **DevSecOps Integration:** Integrated SonarQube, Snyk, and OWASP ZAP into CI/CD pipelines, achieving 99% vulnerability detection rate
- **Cost Optimization:** Implemented cost optimization strategies using DOIT tools and workload analysis, reducing cloud spend by 45%
- **Monitoring & Alerting:** Established comprehensive monitoring, logging, and alerting using GCP native tools and Prometheus/Grafana stack
- **Service Mesh:** Implemented Istio service mesh for microservices communication and security policies

Virtualization & Network Solutions:

- **Nested Virtualization:** Designed SaaS application virtualization in GCP using nested virtualization for POC development
- **Network Automation:** Developed NetDevOps solutions using Python, Ansible, and Terraform for automated network configuration
- **Source of Truth Integration:** Integrated Netbox as IPAM solution for dynamic inventory management

API Testing & Quality Assurance:

- **Test Automation:** Developed comprehensive API testing frameworks using Postman and Newman
- **Backend Operations:** Managed Django backend operations and API contract validation

Technical Environment: GKE, Cloud Functions, Terraform, Ansible, ArgoCD, SonarQube, Istio, Libvirt, Netbox

Toyota Motor Corporation | August 2015 – January 2021 *Network Enterprise Team Member / GCP Implementation Specialist* *Led enterprise network operations and cloud infrastructure implementation*

Network Operations & Automation:

- **Enterprise Networks:** Managed large-scale enterprise network infrastructure with 99.95% availability
- **Incident Response:** Led 24/7 incident response operations, reducing MTTR by 50%
- **Network Automation:** Implemented Python and Ansible-based network automation, reducing configuration errors by 75%
- **Firmware Management:** Managed software/firmware lifecycle for 500+ network devices

GCP Cloud Implementation:

- **Hybrid Architecture:** Established hybrid cloud architecture connecting on-premises infrastructure with GCP
- **SDWAN Integration:** Implemented SDWAN solutions with GCP for optimized traffic routing
- **Network Assessment:** Conducted comprehensive on-premises and cloud network assessments
- **Cost Optimization:** Optimized cloud network architecture, reducing operational costs by 25%

Technical Environment: GCP, SDWAN, Python, Ansible, Enterprise Networking, Hybrid Cloud

EDUCATION

Bachelor of Engineering - Mechanical Engineering | Visvesvaraya Technological University (VTU)| 2024 Diploma - Mechanical Engineering | Department of Technical Education | 2019

CERTIFICATIONS

- Terraform Associate (003) (2025)
- GCP Professional Cloud Security Engineer (2025)
- GCP Professional Cloud Architect (2025)
- GCP Professional Cloud Network Engineer (2025)
- GCP Professional Cloud Database Engineer (2025)
- GCP Professional Cloud Developer (2025)
- CCNA - Cisco Certified Network Associate (2021)

AWARDS & RECOGNITION

- **Delivery Excellence Award (2023)** - Publicis Sapient
- **Customer Delight Award (2022)** - Codincity Digital Technologies

KEY PROJECTS & ACHIEVEMENTS

Enterprise Security Transformation

Engineered a robust, multi-layered security posture for leading **BFSI** and **Telco** clients, resulting in zero security breaches and successful SOC2 compliance.

- **Architected a Zero Trust security model** using advanced **IAM policies** and **Next-Gen Firewalls (IPS/IDS)** to enforce least-privilege access and minimize attack surfaces.
- **Hardened cloud infrastructure** against threats by implementing **CIS Benchmarks for governance**, deploying **Cloud Armor (WAF)** for web protection, and integrating **EDR/XDR** solutions for endpoint security.
- **Centralized security monitoring** by leveraging **Google Cloud's Security Command Center (SCC)** for unified visibility and rapid threat detection.

Multi-Cloud Migration Excellence

- Successfully orchestrated the migration of enterprise workloads from **AWS to GCP**.
- Reduced infrastructure costs by **35%**.
- Improved overall **performance and reliability** of the migrated workloads.

Network Performance Optimization

- Implemented an advanced **VPP+IPSEC** networking stack.
- Achieved a **40% optimization** in network bandwidth.
- Reduced **latency by 30%** for critical applications.

DevOps Transformation

- Established comprehensive end-to-end **GitOps** workflows.
- Implemented robust **CI/CD pipelines**.
- Reduced deployment time by **60%**.
- Improved release reliability by **95%**.

LANGUAGES

- **English (Professional)**
- **Kannada (Native)**

INTERESTS

- **Content Creation** - Technical YouTube Channel with cloud and DevOps tutorials
- **Cycling** - Fitness and outdoor activities
- **Cloud Innovation** - Staying current with emerging cloud technologies and best practices