

# GOKUL S

## Google Cloud Security Architect

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### Summary:

Highly motivated Google Cloud Professional Cloud Architect specialized in GCP security architecture, threat modeling, and secure cloud adoption. Proven ability in designing, implementing, and reviewing secure GCP environments within regulated sectors (Healthcare, FinTech). Expertise in identifying vulnerabilities & threats using methodologies like MITRE ATT&CK principles, HIPAA - NIST Framework, proposing robust mitigation strategies, driving security best practices. Adept at collaborating with cross-functional teams to embed security. Passionate about continuous learning & applying an adversary mindset to build resilient cloud solutions.

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### Professional Experience:

#### Cloud Engineer - Radical Healthcare (Startup)

Oct 2023 – Present

- **GCP Security Architecture & Threat Mitigation:** Designed and deployed a HIPAA-compliant GCP security posture using **VPC Service Controls, Cloud Armor, IAM, and KMS**; performed security design reviews and threat assessments to reduce attack surface and potential data breach risk by 60%.
- **Secure Cloud Migration & IaC:** Led the secure migration of applications to GCP (**GCE, GKE, GCS**), conducting technical architecture reviews and utilizing **Terraform** for repeatable, secure infrastructure deployments, contributing to a 30% user engagement increase and 25% cost reduction through optimized, secure design.
- **AI Security & Operational Excellence:** Spearheaded secure AI ML model development (**Vertex AI, Dialog flow, Big Query**) & established security practices, documentation, operational procedures using **Jira & Confluence** within agile environment.

#### Service Delivery Engineer Fidelity National Information Services (F500)

Oct 2021 - Aug 2023

- **Enterprise Security Strategy & Operations:** Architected and implemented security operations leveraging **Google Cloud Operations Suite (Logging, Monitoring), Splunk, and Dynatrace**, aligning security frameworks with **NIST Cybersecurity standards** to enhance threat detection and monitoring across cloud environments.
- **Secure Deployment & Automation:** Championed secure cloud-native implementations on **Google Cloud and OpenShift**, improving deployment efficiency by 20% through secure **CI/CD** practices and Infrastructure-as-Code (IaC) automation.
- **Certificate Management & Collaboration:** Oversaw the SSL/TLS certificate lifecycle for 150+ banking institutions (1,400+ certificates) using **Akamai/Venafi**, ensuring secure communication protocols and collaborating effectively with cross-functional teams on security initiatives.

#### Associate Software Engineer - DXC Technologies

Feb 2021 - Aug 2021

### Skills:

- **Cloud Technology:** Google Cloud Platform, Kubernetes, Terraform, Cloud Flare, Google Co-lab, Google AI Studio.
  - **Cybersecurity:** Linux, Splunk, Dynatrace, ELK Stack, Akamai, HIPAA & NIST, Risk & Incident Management.
  - **Project Management:** Jira, Confluence, GitHub, Service Now, Agile, Kanban Workflow.
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### Education & Certification:

- **Google Professional Cloud Architect** | GCP | Sept 2024
  - **Google Cloud Associate Engineer** | GCP | Feb 2024
  - **Google Cloud Digital Leader** | GCP | Nov 2023
  - **ISC2 Certified in Cyber security** | ISC2 | Oct 2023
  - Bachelor of Computer Science and Engineering | SECE | 2017 – 2021
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### Projects & Achievements:

- **AI Resume Chat Bot:** Developed an interactive chat interface using Google Cloud and Vertex AI. ([blog](#))
- **Cloud Security** : Built a secure, scalable web application leveraging cloud technologies. ([blog](#))
- **Honey Pot:** Created a web defense mechanism for threat detection. ([blog](#))
- **Project Pokedex** : Rediscovering Pokémon using Google Cloud Vertex AI Auto ML. ([blog](#))
- Selected for Google's Innovators Program; completed intensive training and hands-on labs, earned sponsorship & passed.
- Demonstrated ability to manage complex technical programs with a track record of successful cross-team project delivery.