Sumanth Burla Cloud & DevOps Engineer

Telangana, India.

Email: sumanthburla12@gmail.com

Mobile: +91 8125356545

[LinkedIn](#) | [Google Cloud](#) | [Medium](#)

Professional Experience

Results-driven cloud engineer specialist with a good knowledge on **google cloud platform**. Focused on ensuring **optimal performance**, **reliability, robust monitoring & logging** practices across environments. Skilled in deploying **serverless services** and implementing **CI/CD pipelines** with Jenkins Enterprise. Experience in **Infrastructure as code** (IaC) using **Terraform automation**.

Demonstrated expertise in **detecting and mitigating security breaches**, leading to cost-effective automated solutions. Recognized for outstanding performance and rapid technology adoption, resulting in **promotions and accolades**. Strong collaborator with exceptional time management and continuous learning abilities.

Excited to contribute expertise in cloud to drive success and meet **SLAs** in dynamic environments.

Technical Skills

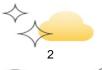|		
Cloud Environment	:	Google Cloud Platform, Amazon Web Services
GCP Services	:	Cloud Run, IAM, Cloud SQL, VPC, GCE, GCS, GCF, GCB, GKE, Monitoring & Logging
Infrastructure as Code	:	Terraform
Automation & Configuration	:	Jenkins
Orchestration tools	:	Kubernetes, Docker
Programming languages	:	HTML & CSS +Bootstrap, JavaScript, Java, Php & MySQL, Python.
Build tools	:	Maven, Docker
Repository tools	:	Container register, Nexus, jfrog artifactory
Operating Systems	:	Linux, Windows

Project Experience

- **Security Breach Resolution:** Swiftly detected and resolved a security breach within a GCP project, securing it within an impressive period. Conducted thorough troubleshooting and log analysis to identify the unauthorized API calls' origin and root causes thus **minimizing potential financial costs**.

- **Cost-Effective Solutions Development:** Designed and implemented real-time, event-driven python automated solutions to the above breach to disable compromised service account & delete its key with ~**$0**.

- **Compute Engine Optimization:** Achieved a remarkable **49%** reduction in monthly Compute Engine cost through the effective utilization of cloud function **python automation** with almost **$0** per month.

- **Cost-Efficient Transition:** Proposed and executed a cost-effective transition from Redis to Cloud Storage, resulting in an impressive **75%** cost reduction.

- **CI/CD Pipeline build Optimization:** Significantly reduced **CI build time** from **21**mnts to **<9**mnts.

- **Challenges Resolution:** Effectively resolved a multitude of challenges(around **Domain, GLB, SSL** & more…) encountered during the deployment of this web application onto the Google Cloud Run service. These efforts ensured a seamless and successful deployment, contributing to the project's overall success.

Key Skill Sets

- **Google Cloud Platform (GCP) Resources:** Proficient in various GCP resources, including Compute Engine, Cloud Run, Cloud Armor, Cloud Function, Cloud SQL, IAM, VPC, GKE, Cloud Build, Monitoring & Logging.

- **CI/CD Pipeline Implementation:** Successfully implemented CI & CD pipelines using Jenkins Enterprise for both **Development** and **Production** environments with **monitoring dashboards & application alerts policies**.

- **Cloud Native DevOps:** Profound knowledge of GCP cloud-native DevOps tools, including **Source Repository, Cloud Build, and Container Registry** streamlining automated software delivery.

- Experience in implementing cloud run service-to-service communication for 3-tier web applications and integrating robust security measures using **Cloud Armor** within GCP using **Terraform automation**.

- **Infrastructure as Code (IaC):** Proficiency in IaC using Terraform, deployed GCP Cloud services, including **Cloud Run, Cloud Storage, Compute Engine, Networking**, and adhering to **Terraform best practices**.

- Experience with google cloud data storage services such as **BigQuery** and **Cloud Storage**.

Recognitions

- **Q2 FY24 Promotions** – Promoted to **Professional 1** from **Associate** level for consistently demonstrating outstanding performance, remarkable technical growth, and impactful contributions.
- Won **Q3 FY23 DXC Champs award** – **eXcellence** for quickly learning modern technologies using gcp services for optimizing cost and implementing them in real time projects.
- **Recognition** – Received from **GCP Delivery Lead** for good **collaborate** work done in a project.
- Won **Q3 FY22 DXC Champs award** – **eXcellence** for **quickly learning** terraform and for **delivering** several **Terraform automation assets**.

Certifications

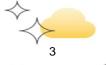| Certification name	By	Year
AWS Certified Cloud Practitioner	Amazon Web Services	2023
Professional Cloud DevOps Engineer	Google	2022
DevOps Essentials – CI/CD over AWS	LinuxWorld informatics	2022
Architecting with GKE: Production	Google Cloud Skill Boost	2022
Architecting with GKE: Foundation	Google Cloud Skill Boost	2022
Google Associate cloud engineer	Google	2021
Web Development	Internshala	2019

Key Roles Performed

- **Professional 1 Emerging Practices – 0 Year 2 months.**
- **Associate Professional Software Engineer – 2 Year 4 months.**

Professional Work Experience

DXC Technology – *Professional 1 Software Engineer*   *March 30, 2021 – present*

Samuha Creations Pt. Ltd. – *Intern*   *July 2019 – August 2019*

Professional Activities

DXC Global Innovation hackathon – Sep 2023

A Cloud & Infrastructure initiative for highlighting team innovative solutions.

Hack Zone – Oct 2019

8hours hackathon for real-time problems**.** Participated in solving problem for an NGO service to create website for their service to public.

Non-technical Skills

- **Teamwork:** Proven ability to work effectively as part of a team, collaborating with colleagues to deliver project milestones and achieve shared goals.
- **Time management:** Consistently demonstrated strong time management skills, ensuring that tasks and projects are completed efficiently and within deadlines.
- **Self-learner**: Strong ability to learn and adapt quickly to new technologies and methodologies, regularly seeking out opportunities for self-improvement and skill development.

Education Qualification

Degree	Qualification	University	Year attained
Bachelor of Technology	Computer Science Engineering	JNTU Hyderabad	2020

Languages

- English
- Telugu
- Hindi