



Satya. R

GCP Cloud Engineer

Email: - satyacloud59@gmail.com

phone + 91 9703717051

• **Professional Summary:** -

Overall, **4 Years** of IT experience in Software development industry experience Seeking an innovative career where knowledge and experience can be shared and enriched.

- Having 4 years of hands-on experience in **GCP Cloud Engineer** with exposure to Compute engine, Subnets, Firewall, Cloud Storage, IAM & Monitoring
- Hands on experience on migrating the servers from VM ware to GCP using Migrate to virtual Machines service.
- Experience in creating infrastructure using terraform.
- Designed and deployed scalable data pipelines using Cloud Dataflow, Apache Beam, and Cloud Pub/Sub, reducing data latency by 40%
- Migrated legacy on-premise data warehouse to Google BigQuery, improving query performance and enabling real-time analytics.
- Built real-time streaming pipelines using Cloud Pub/Sub, Dataflow, and BigQuery for ingestion and analysis of event data.
- Working knowledge on load balancers.
- Working knowledge on Google backup and DR (Disaster Recovery).
- Implementation of Auto Scaling for instances under ELB using ELB Health Checks. Setting up the high availability load balancers on instances.
- Hands on experience in Cloud storage and retention policies in storage.
- Good Exposure in setting up foundations and Landing zones in GCP.
- Having Knowledge on google cloud logging.
- Hands on experience in Creating VM instances in Google cloud Platform.
- Experience in Creation of Backups, Disk Snapshots, Images from snapshots, Instance Templates and Groups.
- Hands on experience in Cloud storage and retention policies in storage.
- Good experience in Creating/managing volume snapshots. Using volume snapshots of cloud instances and re-building the instances.
- Working Knowledge on DevOps tools such as GIT and Terraform.
- Strong skills in managing Linux servers, Virtualization, and system security.
- Good interaction with developers, managers, and team members to coordinated job tasks and strong commitment to work.

• **Technical Skills:-**

Operating Systems	Windows, Linux
Version Control	GIT, GITHUB
Continuous Integration Tools	Jenkins, Cloud Build ,CI/CD
Build Tools	Maven

Cloud Services	(AWS ,GCP)Compute Engine, VPC Firewall, GKE, IAM, Cloud Storage, Cloud SQL, Logging & Monitoring, Big Query, Pub Sub, Data flow,
Container Orchestration	Kubernetes, Cloud run, Cloud function ,Docker
Infrastructure Provisioning	Terraform
Scripting Languages	Shell, Python (Basic Scripting)

• **Employment History:-**

Worked as a GCP Cloud Engineer in **HCL TECH.** 20221 to 2024
Working as a cloud engineer in **genpact** 2024 to 2025

Educational Qualifications:-

•

Bachelor of Technology (**B.Tech**) from Jawaharlal Nehru Technological University (Kakinada), 2015.

• **Project Experience:-**

Project: -1

Title : INFOR(XM)

Role : GCP Infrastructure **Roles**

& Responsibilities: -

- Actively took ownership of the issues related to performance.
- Experience in setting up foundation and Landing Zone in Google cloud platform • Experience in handling google cloud operations.
- Experience in creating infrastructure using terraform.
- Hands on experience in Creating Network, Firewall rules, VM instances in Google cloud Platform.
- Implemented ETL workflows on Cloud Composer (Airflow) to automate daily data ingestion and transformation from multiple sources.
- Developed and optimized BigQuery data models, enabling faster analytics and reducing query costs by 30%.
- Experience in creating shared VPC's and Establishing VPC peering.
- Experience in creating and maintaining windows and Linux servers in GCP.
- Working on Auto-scaling and load balancers as per the application requirement.
- Hands on experience in Cloud storage and managing retention policies.
- Handling Monitoring and Logging using Google cloud operations
- Experience in handling VM Migrations using Migrate for Virtual Machines.
- Working knowledge on Google Compute engine and App engine and Google Kubernetes engine.

- Creation of Backups, Disk Snapshots, Images, Instance Templates.
- Deployment, maintenance and support of Cloud infrastructure and Servers.
- Configuring Stack driver monitoring and logging agents in VM's.
- Managing Users on Google IAM Service and providing them appropriate permissions.
- Experience in handling security using security command centre.
- Administration/Maintenance experiences of Continuous Integration build engine Jenkins
- Deploying, configuring, managing, maintaining, a Master and Slave machines using Jenkins
- Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build and test Deploy.

Project: -2

Project Title : Sales Information System Role

: Cloud engineer

Roles & Responsibilities: -

- Monitoring of cloud infrastructure to ensure system, applications, services, and business processes are functioning properly.
- Design cloud infrastructure for healthcare applications following best practices and HIPAA compliance.
- Set up virtual networks, subnets, firewalls, and load balancers.
- Set up Identity and Access Management (IAM) policies to enforce least-privilege access.
- Automation and Infrastructure as Code (IaC)*
- Automated data quality checks and monitoring using Dataform and BigQuery scheduled queries, improving reliability and data governance.
- Utilized Cloud Storage and BigQuery to build a cost-effective data lake architecture, storing over 10 TB of structured and unstructured data
- Configure and manage VPCs, VPNs, and peering to ensure secure and efficient networking between services.
- Implement firewall rules and security groups to control access to healthcare services and data
- Ensure encryption of data at rest and in transit by using DLP (Data loss prevention) API
- Implement scalable and secure storage solutions by using GCS(Google cloud storage) and BQ (Big Query)
- Set up monitoring tools to ensure system reliability, availability, and performance.
- Set up continuous integration and continuous deployment (CI/CD) pipelines using cloud build.
- Automate testing, building, and deployment of applications to GCP environments.
- Troubleshoot issues related to infrastructure, networking, and security.
- Collaborate with DevOps, developers, and data engineers to resolve performance or operational issues

• Declaration: -

I hereby declare that the above information is true and correct to the best of my knowledge and nothing has been distorted.

(Satya. R)