

ABOUT ME:

I am Enthusiastic Cloud & DevOps Engineer who is eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Clear understanding of GCP Cloud & DevOps Services.

PROFESSIONAL SUMMARY:

- I have around 2.8+ years of GCP Cloud & DevOps Engineer Experience. During this tenure performed different roles including that of an application GCP cloud operations primary key skill set.
- Implementing new DevOps and DevSecOps practices in existing and new solutions.
- Redesigning existing GCP infrastructure to improve security and availability.
- Good experience with Java, Python and NodeJs Application
- Experience in monitoring the Application on Dynatrace, datadog, cloud watch and google cloud operation suite
- Working in 24/7 to support the application and good experience with ITIL process
- Worked on ticketing tools like Jira and Service now
- Strong knowledge in provisioning the infrastructure Using **Terraform**.
- Strong analytical and ability to source controller concepts like Branches, Merges and Tags.
- Real-time Data Processing: Demonstrated ability to design and deploy real-time data processing solutions.
- Hands on Experience in **Kubernetes** for application deployment and high availability and high scalability.
- Experience on **Kubernetes** , **writing Deployment and Service yaml files** for deployment of applications on the cloud.
- Worked on the **Deployment strategies in Kubernetes (Blue/Green, canary, Rolling update, Recreate)**. Used Node port and Load balancer for the application availability and access to the outer world.
- Experience on Rollback Access control models (RBAC).
- Work on servers on the cloud environment **GCP and AWS**.
- Expertise in GCP Cloud Administration which includes services like: **Compute instances, App Engine, Cloud Run, Container Registry, Secret Manager, Stack driver, BigQuery, Firestore, IAM, Auto scaling, logging and Cloud SQL**.

- Assigning the **IAM** roles to the users and creating standalone service account as per requirement.
- Creating managed instance group in stateful sets using instance templates for databases for autoscaling and autohealing.
- Creating securities like **Cloud Armor** and **Load balancers**.
- Creating the stand alone **VPC** with custom subnets and define firewall rules.
- Involved in process of hosting/ deploying the entire application into **Google Cloud Platform**.
- Excellent Customer interaction skill, commendable aptitude to learn new technologies and an excellent team player.
- Have experience in **Linux** environment and infrastructure.
- Touch based knowledge on scripting languages **Shell scripting**
- Real-time Data Processing Demonstrated ability to design and deploy real-time data processing solution using GCP services like Pub/Sub, dataflow, for streaming data.
- Strong analytical and problem-solving skills, coupled with a keen attention to detail in data analysis and interpretation.
- Self-motivated, inventive, ready to take initiatives for new upcoming tasks.
- Able to pick up new technologies within a short time and adapt to rapid change of environment.

EDUCATION:

- B.Tech from Bharath University, Chennai, Tamil Nadu in May 2022

PROFESSIONAL EXPERIENCE:

- Worked for DevOps Engineer in Elric Soft Pvt Ltd from **February 2022 to November 2024**
- Working as GCP Networking Engineer in Bizoforce technologies from **November 2024** to till now

TECHNICAL SKILLS:

Operating System	LINUX/UNIX, Windows
Version Control tool	GIT
Containerization	Dockers & GKE
Monitoring Tools	Google Operation Suite, Dynatrace, Datadog

CI/CD Tools	Bitbucket, Gitlab, Cloud Build
IAC	Terraform
Management Tools	Jira
Cloud Services	GCP

UBS Bank AG, London, DevOps Engineer

DESCRIPTION: UBS group is multinational investment bank and financial service company founded and based in Switzerland. Co-headquartered in the cities of Zürich and Basel, apart from private banking, UBS provides wealth management, asset management, and investment banking services for private, corporate, and institutional clients with international service. UBS manages the largest amount of private wealth in the world, counting approximately half of the world's billionaires among its clients

RESPONSIBILITIES:

- Creating Securities, like KMS, Cloud Armor and Load balancers
- Configuring Docker Containers and Creating Docker files
- Created Docker images using Docker files to support Containerization of applications
- Deploying application in private cluster in GKE
- writing Deployment and Service yaml files for deployment of applications on the cloud
- Used Kubernetes to deploy scale, load balance, scale and manage Docker containers with multiple namespace versions
- Creating the trigger in cloud build for CICD
- Created VPC peering between two projects
- Giving appropriate IAM permissions to the team
- Created pipeline for satis server from cloud build to cloud Run
- Created VM instance for SQL proxy under shared VPC
- Storing the secrets and environment variables in secret manager
- Setting up the container registry to store docker images
- Creating the trigger in cloud build for CICD
- Setting up the VPC and attaching the required firewalls
- The server less service Cloud run used as deployment tool
- Setting up Stack driver and creating pub/sub topic
- Providing solutions to developers for check-ins, checkouts, build failure related issues
- Deploy the War files in Apache Tomcat server
- Interacting with developers to sort out issues related to Build Automation
- Configuring Docker Containers and Creating Docker files for different environments

- Created Docker images using Docker files to support Containerization of applications
- Setting up Stack driver and creating pub/sub topic
- Creating memory store for Caching
- Writing the cloud function to store the logs in Bigquery

ENVIRONMENT: BigQuery, Memory store, Big Query, Cloud functions, Monitoring, Error reporting, CloudSQL, Datastore, VPC, VM instances, IAM, GKE, Docker, secret manager, cloud SQL, Container Registry, Cloud Armor, Load Balancing

Synapsesai India Pvt Ltd, DevOps Engineer

DESCRIPTION: Synapsesai is a US based product-based start-up company, it is comprehensive cloud management solution, helping businesses manage and automate cost as well as security for their public cloud environments, building a cloud cost management application using azure serverless services, its main mission is to “save money” for organizations in the infrastructure, operations and building applications.

ENVIRONMENT: GCP, Terraform, Bigquery, Firebase, Firestore, Cloud run, Cloud build, VPC, shared VPC, VPC Peering, Server-less VPC, IAM, Securities, Cloud SQL, Data stream, Data flow, Pub/Sub topic, Docker, Cloud Storage

RESPONSIBILITIES:

- Interacting with BA's for the functional requirements.
- Having a hands-on experience in migration, automating cloud infra provisioning with Terraform.
- Experienced in Data Ingestion and Data Consumption projects in Google Cloud.
- Conducting end-to-end analyses, including data collection, processing, and analysis.
- Implemented **CI/CD pipelines** for automated testing and deployment.
- Working with containerization technologies like Docker and container orchestration platforms like Kubernetes to manage and deploy applications.
- Designing the architecture of cloud environments based on project requirements.
- Created the request response schemas that would provide input/output to end systems.
- Planning for scalability, high availability, and disaster recovery.
- Error handling and logging is implemented in all the business processes.
- Tested with all possible scenarios for each service of Sprint release.
- 24/7 on call support on rotation basis.
- Configuring and managing virtual machines (VMs) using GCP's Compute Engine.

I hereby declare that all the details furnished above are true to the best of my knowledge.

PLACE: Hyderabad

Vamshi