Venkat

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# Summary

Google Cloud Data Engineer with over 3 years of experience in designing, developing, and optimizing cloud-native data solutions.   
Expertise in BigQuery, Google Cloud Storage, Dataflow, and Cloud Composer, with a strong focus on building scalable, secure, and high-performance data pipelines.   
Skilled in SQL, Python, and Spark for handling large datasets and complex ETL processes. Proven ability to work with cross-functional teams to deliver data-driven insights and solutions.

# Technical Skills

- Cloud Platforms: Google Cloud Platform (GCP)  
- Data Engineering: BigQuery, Dataproc,Dataflow, Cloud Functions, Cloud Composer, Cloud Storage, Cloud Pubsub  
- ETL/ELT Tools: Apache NiFi  
- Big Data Tools: Apache Spark, PySpark, DataProc  
- Programming Languages: Python, SQL, Bash  
- Databases: BigQuery, MySQL, PostgreSQL  
- Orchestration: Cloud Composer (Apache Airflow), Google Cloud Workflows  
- Data Warehousing: Star Schema, Snowflake Schema, Partitioning, Clustering  
- Version Control: Git

# Professional Experience

## Google Cloud Data Engineer

Company Name — Location  
June 2021 – Present

- Designed and developed end-to-end data pipelines using Google Cloud products such as BigQuery, Dataflow, Cloud Composer, and Cloud Storage to handle large datasets.  
- Optimized performance and cost efficiency of BigQuery queries through partitioning, clustering, and materialized views.  
- Built real-time streaming pipelines using Dataflow and Pub/Sub to ingest and process data from multiple sources.  
- Automated data processing workflows using Cloud Composer (Airflow), and Google Cloud Workflows.  
- Managed and orchestrated complex ETL jobs for data transformation and loading into data warehouses.  
- Implemented data security best practices including IAM roles, encryption, and audit logging in GCP.  
- Collaborated with cross-functional teams to create dynamic reporting dashboards using Looker and Data Studio.  
- Worked on CI/CD pipelines using Cloud Build and automated infrastructure using Terraform.

## Data Engineer Intern

Company Name — Location  
May 2020 – May 2021

- Assisted in building and maintaining ETL pipelines in GCP for data migration from on-premise systems to the cloud.  
- Developed scripts in Python and SQL for data cleansing, transformation, and analysis.  
- Supported the optimization of data processing pipelines, reducing query times by 30%.  
- Worked with BigQuery for querying large datasets and generating insights for business needs.

# Education

Bachelor of Technology in Computer Science  
University Name — Year of Graduation

# Certifications

- Google Cloud Professional Data Engineer — Year  
- Google Cloud Associate Cloud Engineer — Year

# Projects

Real-Time Data Processing Pipeline on GCP  
- Designed and implemented a real-time data processing pipeline using Pub/Sub, Dataflow, and BigQuery to handle millions of daily transactions for a financial services client.  
  
Data Warehousing Solution for E-commerce Platform  
- Architected a data warehouse on BigQuery to integrate data from multiple sources and provide business insights, reducing reporting time by 40%.

# Soft Skills

- Problem-solving  
- Team collaboration  
- Communication  
- Time management