Petro R.
Senior Senior GCP Data Engineer

SUMMARY

- Senior Data Engineer with 7+ years in GCP & AWS multicloud platforms, specializing in BigQuery, dbt, and AI-integrated pipelines.
- Experience in cost optimization: reduced BigQuery and GCP expenses by 30%+ and 50%, saving $100k+/year.
- Expertise in Pulumi-based IaC, CI/CD pipelines, and multicloud observability.
- Developed custom fine-tuned AI models for automation and advanced analytics.
- Background in Python, SQL, cloud-native services, and data warehouse architecture.

TECHNICAL SKILLS

Main Technical Skills	Python, GCP, Google BigQuery, SQL
AI Tools & Assistants	Gemini
Programming Languages	Python, VBA
AI & Machine Learning	AI/ML, Vertex AI
Mobile Frameworks and Libraries	LiveData
.NET Platform	VBA
Data Analysis and Visualization Technologies	Apache Airflow, Data Quality, ETL, Fivetran, Power BI, Tableau
Databases & Management Systems / ORM	AWS DynamoDB, AWS Redshift, Clickhouse, Data Warehouse, dbt, Greenplum, Microsoft SQL Server, MongoDB, MySQL, PostgreSQL, Snowflake, SQL, SQL queries
Cloud Platforms, Services & Computing	AWS, GCP
Amazon Web Services	AWS CloudTrail, AWS DynamoDB, AWS EC2, AWS Fargate, AWS Lambda, AWS Redshift, AWS S3, AWS SNS, AWS SQS
Azure Cloud Services	Azure Cloud Functions, Azure log analytics
Google Cloud Platform	Google BigQuery
Industry Domain Experience	Marketing
Deployment, CI/CD & Administration	CI/CD, Jenkins, Pulumi
	Docker, Kubernetes, Terraform

Virtualization, Containers and Orchestration	
Version Control	GitHub, Github Actions, GitLab
Methodologies, Paradigms and Patterns	IaC
Other Technical Skills	Claude Code, Cloud Scheduler

WORK EXPERIENCE

Platform Data Engineer, Genesis (Genesis Multicloud Data Platform)

Duration: October 2024 - July 2026

Summary: Part of the data team responsible for owning and improving a multicloud data platform across AWS and GCP. The project involved infrastructure improvements, pipeline development, and migration of legacy scripts to modern Infrastructure as Code (IaC) approaches, with an expansion into AI-adjacent data work.

Responsibilities:

- Owned and improved multicloud data platform infrastructure and pipelines.
- Migrated legacy scripts to Pulumi-based IaC with CI/CD deployment pipeline.
- Optimized analytical workflows and ensured data quality across multiple sources.
- Developed custom fine-tuned AI models for feedback classification.
- Implemented alerting and observability for the multi-cloud setup.

Technologies: AWS, GCP, BigQuery, Pulumi, CI/CD, AI/ML (custom fine-tuned models), Vertex AI, Claude Code.

Data Engineer, GoIT (GoIT GCP Data Platform)

Duration: January 2024 - May 2026 (part-time since May 2025)

Summary: Sole data engineer responsible for the entire GCP data platform across three sub-companies (GoIT, GoIteens, Neoversity). The project focused on re-evaluating and rewriting legacy data approaches, integrating multiple data sources, and creating a data warehouse structure to support company-wide reporting.

Responsibilities:

- Owned end-to-end GCP data platform across three sub-companies.
- Managed GCP infrastructure and aggregated data from various sources.
- Re-architected legacy data approaches and created data warehouse structures.
- Enhanced data freshness and completeness.

Technologies: GCP, BigQuery, dbt.

Data Engineer, Empirical Root (Empirical Root Data Integration)

Duration: November 2022 - November 2023

Summary: Worked in a small data engineering team responsible for onboarding new customers' data, integrating it with existing data structures, and managing multicloud

environments. The project aimed to build reliable transformation layers and improve data lineage for advanced analytics.

Responsibilities:

- Onboarded data for new customers with distinct tech stacks.
- Integrated and aggregated data from multiple sources.
- Refactored complex dbt projects to improve data lineage.
- Upgraded legacy codebases and managed multicloud environments.

Technologies: dbt, multicloud (AWS, GCP).

Data Engineer, Evolve (Enterprise Data and Reporting)

Duration: July 2022 - November 2022

Summary: Worked on data and reporting fixes for a large enterprise client, focusing on data aggregation, warehouse data correctness, dashboard building, and reporting automation.

Responsibilities:

- Aggregated data from diverse sources and ensured data correctness.
- Built dashboards using Logi Analytics and ran ad hoc reporting.
- Developed supplementary applications and documented processes.
- Built tools to speed up and simplify reporting deployment.

Technologies: Logi Analytics.

Data Analyst/Data Engineer, F3NIX (F3NIX Analytics and Data Engineering)

Duration: October 2020 - July 2022

Summary: Part of the analytics team at a large company, responsible for building a reliable BigQuery-based data source, creating dashboards, developing analytical frameworks, and leading transitions to modern orchestration and data warehousing systems.

Responsibilities:

- Aggregated data from various sources and built BigQuery data sources.
- Created Tableau dashboards and conducted ad hoc reporting.
- Developed analytical frameworks and documentation.
- Led transition from cron jobs to orchestration systems and to BigQuery as sole data warehouse.
- Redesigned dashboards and facilitated customer meetings.

Technologies: BigQuery, Tableau.

Data Analyst/Data Engineer, Zenith - The ROI Agency (Advertising Reporting)

Duration: December 2019 - September 2021

Summary: Worked as a data analyst improving reporting for major clients in an advertising company. Responsibilities included supporting SQL Server operations, implementing ETL scripts, generating market reports, and optimizing SQL queries.

Responsibilities:

- Supported SQL Server operations and worked with clients including Nestle and GSK.
- Implemented ETL scripts and conducted ad hoc analysis.

- Generated weekly and monthly market reports.
- Optimized SQL queries, reducing execution time by up to 80%.
- Established database structures and built VBA macros for reporting automation.

Technologies: SQL Server, SQL, VBA.

Python Engineer, Contractor (Telegram Bot Development)

Duration: July 2019 - December 2019

Summary: Developed Telegram bots with complex logic for various clients, including integration with payment gateways. This was the first direct client-facing experience.

Responsibilities:

- Designed and built Telegram bots with complex logic.
- Integrated payment gateways into bots.
- Managed client communications and requirements.

Technologies: Python

Data Engineer, Children Heroes Fund Data Platform

Duration: November 2024 - Present

Summary: Designed and built the fund's data platform end-to-end from scratch, providing ad-hoc reporting and integrating additional data sources on request.

Responsibilities:

- Designed and built data platform infrastructure from no existing setup.
- Provided ad-hoc reporting and integrated additional data sources as requested.

Data Engineer, 10FC Real-Time Ads Performance Pipeline

Duration: April 2025 - October 2025

Summary: Built a real-time ads performance data pipeline from source to dashboard, delivering automated reporting to the marketing team.

Responsibilities:

- Developed real-time data pipeline for ads performance.
- Delivered automated reporting solutions to marketing team.

EDUCATION

- **Kyiv Polytechnic Institute**
  Master of Science Robotics and Automation Engineering
  2016 - 2022