

SAHRUDIN FIQRI MUZAHIDAT

DATA ENGINEER / DATA ANALYST

+6285695036046 | sahrudinriri@gmail.com | [linkedin.com/in/sahrudindev](https://www.linkedin.com/in/sahrudindev) | github.com/sahrudindev

SUMMARY

Results-oriented Data Engineer specializing in the Google Cloud Platform (GCP) ecosystem. Proven track record in architecting scalable end-to-end data pipelines (Batch & Streaming) and managing high-volume data warehouses (50M+ monthly records). Adept at bridging the gap between complex data infrastructure and business analytics, delivering cost-efficient and reliable data solutions using the Modern Data Stack (Terraform, dbt, Airflow).

PROFESSIONAL EXPERIENCE

Data Analyst / Data Engineer | PT AP&M Indonesia Oct 2025 – Present

- High-Volume Pipeline Engineering: Engineered and managed web traffic data pipelines processing 57M+ impressions and 600k+ clicks monthly with high efficiency.
- Performance Optimization: Optimized analytical query performance to monitor 1.4M Monthly Active Users (MAU) across multiple regions (Indonesia, Malaysia, Singapore) with low latency.
- Data Integrity & Ingestion: Managed data ingestion and ensured integrity for 1.2M organic sessions originating from diverse devices (Mobile/Desktop).
- Automated Reporting: Built and automated real-time KPI visualization dashboards using Looker Studio/Metabase to support data-driven business decisions.

Geospatial Data Staff | Mitra BPS Garut (Statistics Indonesia) Aug 2025 - Sep 2025

- Geospatial Data Engineering: Conducted field verification and GIS mapping to ensure the accuracy of the 2026 Economic Census dataset.
- Data Quality Assurance: Performed validation and cleansing on large-scale demographic datasets to guarantee national statistical data quality.

Data Analyst Intern | PT. LSKK Aug 2024 - Jan 2025

- Unstructured Data Processing: Built ETL pipelines to process large volumes of unstructured image data using MongoDB for AI model training preparation.
- Model Deployment: Developed and deployed Deep Learning models using TensorFlow for automated road damage detection.

PROJECTS

Modern Data Platform on GCP (Terraform, Airflow, dbt) Dec 2025 - Jan 2026

- Hybrid Architecture: Architected a hybrid pipeline (Batch & Streaming) handling 10k+ events/sec using Dataflow (Apache Beam) & Pub/Sub.
- Infrastructure as Code: Implemented Terraform and CI/CD pipelines to achieve zero-manual infrastructure deployments.
- Cost Optimization: Reduced BigQuery compute costs by 80% through strategic table partitioning and dbt incremental models.

SKILLS

- Cloud & Infrastructure:** Google Cloud Platform (BigQuery, Dataflow, Pub/Sub, GCS), Docker, Terraform.
- Data Engineering:** SQL (Advanced), Python (Pandas, NumPy), ETL/ELT Pipelines, Data Modeling, dbt, Airflow.
- Databases:** Google BigQuery, MongoDB (NoSQL), PostgreSQL.
- Analytics & AI:** TensorFlow, Scikit-learn, Looker Studio, Metabase, Tableau.

EDUCATION & CERTIFICATIONS

Bachelor of Informatics Engineering (Computer Science) Oct 2021 - Oct 2025

- Certifications:** Google Advanced Data Analytics Certificate, Google Data Analytics Certificate, Machine Learning Certificate, DeepLearning.AI TensorFlow Developer.