

SALBI FAZA RINALDI

Jakarta, Indonesia 13340

☎ +62 812 2377 4796 ✉ salbifaza@gmail.com 🔗 [linkedin.com/in/salbifaza](https://www.linkedin.com/in/salbifaza) 📁 [portfolio](#)

SUMMARY

Senior Data Engineer with a proven track record in building scalable cloud-based data platforms, orchestrating 100+ ELT/ETL pipelines, and implementing real-time analytics using AWS and GCP. Skilled in streamlining data workflows, reducing latency, and enabling self-service analytics at scale. Passionate mentor and system architect who thrives at the intersection of data, automation, and business impact.

TECHNICAL SKILLS

Programming & Tools: Python, SQL, Git, JavaScript, Bash, Docker, Kubernetes, Apache Airflow, DBT, DAG Factory

Databases: PostgreSQL, MySQL, SQL Server, MongoDB, Redis, BigQuery, Snowflake, Redshift, ClickHouse

Cloud Platforms: AWS (MWAA, Glue, Lambda, Redshift, DMS), GCP (BigQuery, GKE, Dataform)

BI & Visualization: Superset, Tableau, Power BI, Redash, Metabase, Looker

Big Data & Streaming: Spark, Flink, Hive, Kafka, Hadoop

CI/CD & DevOps: Jenkins, GitLab CI, Bitbucket Pipelines

File Formats & APIs: Parquet, Avro, Protobuf, REST

Leadership & Agile: Team mentoring, Architecture design, Scrum, Kanban

PROFESSIONAL EXPERIENCE

Farmbyte (E-Groceries Start Up) – Contract (Remote)

Aug 2024 – Present

Senior Data Engineer

Johor Bahru, Malaysia

- Orchestrated 60+ ETL/ELT pipelines on AWS (MWAA, Redshift, Glue, DMS), leveraging Kubernetes Pod Operator for select workloads and enabling real-time analytics via DMS—reducing data latency by 70% for 200+ users.
- ML feature pipelines designed with PySpark and Glue, accelerating model training by 60% and supporting the deployment of 3 predictive models.
- Enabled self-service BI by deploying Apache Superset, leading to a 60% drop in ad hoc requests and 10+ independently maintained dashboards.

Dibimbing.id (Bootcamp Provider) – Freelance

Feb 2024 – Present

Data Engineer Mentor

Jakarta, Indonesia

- Mentored 60+ students on data engineering fundamentals (Data Warehousing, DBT, OLAP vs OLTP) with 90% content satisfaction.
- Delivered hands-on Apache Airflow training to 50+ MSIB students, improving assessment scores by 80%.
- Guided learners in Spark and Hadoop through real-world projects, achieving 95% success rate.
- Led offline Python and Data Warehousing training for BRI employees, rated 90% for clarity and relevance.

Ismaya Group (Food & Beverage Group) – Full Time

May 2023 – Present

Data Engineer

Jakarta, Indonesia

- Built Medallion pipelines in BigQuery Dataform, cutting transformation time by 70%, enabling self-service for 10+ teams, and embedding 30+ data quality checks with WhatsApp alerts for 90% accuracy and 2-hour issue resolution.
- Scaled 50+ data pipelines using Airflow and DAG Factory, improving deployment speed by 80%, and set up CI/CD workflows with GitLab and Jenkins for automated testing and deployment.
- Reduce cloud costs 70% via hybrid ClickHouse–BigQuery warehousing using ELT, Table partitioning, and seamless Airflow orchestration.

SIRCLO (E-commerce Enabler Start Up) – Full Time

Jan 2022 – May 2023

Associate Data Intelligence

BSD, Indonesia

- Designed and developed three star schema data marts using Data Build Tools (DBT) to facilitate a 70% efficient dashboard creation for internal data teams.
- Created 10+ dashboards for a thorough analysis of commercial and operational metrics on Redash.

EDUCATION

Bandung Institute of Technology

Aug 2017 – Apr 2022

Bachelor of Science in Oceanography

Bandung, Indonesia

- Thesis: Design of an Internet of Things-Based Water Quality Monitoring System for Aquaculture
- Graduated cumlaude with 3.62/4.00 GPA and actively contributed in student activities unit.

ONLINE COURSES

Amazon Web Services – AWS Cloud Solutions Architect Professional Certificate	July 2025
Google Cloud – Data Engineering, Big Data, and Machine Learning on GCP	July 2025
IBM – Data Engineering Professional Certificate	July 2025
Udemy – Google BigQuery & PostgreSQL : Big Query for Data Analysis	Feb 2023
Digital Skola – Bootcamp Data Engineer Batch 15	Mar 2022

PROJECTS

Setup Apache Superset for Self-Service Analytics <i>Google BigQuery, ClickHouse, Apache Superset</i>	Jul 2024 – Dec 2024
<ul style="list-style-type: none">Achieved 70% reduction in data infrastructure costs by implementing a hybrid data warehouse integrating on-premise and cloud environments.Designed and optimized ETL pipelines to transfer data from Google BigQuery to on-premise ClickHouse.Migrated from cloud-based visualization tools to self-hosted Apache Superset, enhancing data governance, security, and cost efficiency.	
Setup Apache Superset for Self-Service Analytics <i>Google BigQuery, ClickHouse, Apache Superset</i>	Jul 2024 – Dec 2024
<ul style="list-style-type: none">Achieved 70% reduction in data infrastructure costs by implementing a hybrid data warehouse integrating on-premise and cloud environments.Designed and optimized ETL pipelines to transfer data from Google BigQuery to on-premise ClickHouse.Migrated from cloud-based visualization tools to self-hosted Apache Superset, enhancing data governance, security, and cost efficiency.	
Hybrid Data Warehouse (On-Premise & Cloud) <i>Google BigQuery, ClickHouse, Apache Superset</i>	Jul 2024 – Dec 2024
<ul style="list-style-type: none">Achieved 70% reduction in data infrastructure costs by implementing a hybrid data warehouse integrating on-premise and cloud environments.Designed and optimized ETL pipelines to transfer data from Google BigQuery to on-premise ClickHouse.Migrated from cloud-based visualization tools to self-hosted Apache Superset, enhancing data governance, security, and cost efficiency.	
Re-modeling BigQuery Data Warehouse <i>BigQuery Dataform, Apache Airflow</i>	Jan 2024 – Jul 2024
<ul style="list-style-type: none">Redesigned data warehouse model to improve maintainability and performance using Apache Airflow and BigQuery Dataform.Implemented medallion architecture (Bronze, Silver, Gold) to improve data quality, governance, and ETL workflow efficiency.Established clear table dependencies, enhancing scalability and robustness of the warehouse.	
Apache Airflow Setup & DAG Factory Pipelines <i>Apache Airflow, GitLab, Docker</i>	Sep 2023 – Dec 2023
<ul style="list-style-type: none">Set up and configured on-premise Apache Airflow environment for large-scale data workflow orchestration.Developed standardized DAG templates using DAG Factory to improve scalability and maintainability of ETL processes.Optimized data pipeline efficiency, reducing operational overhead and improving process reliability.	

CERTIFICATIONS

IELTS – Band 7.5	Dec 2025
-------------------------	-----------------