

THALIBAR RIFQI

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ABOUT ME

Experienced in the Manufacturing sector, with a strong background in managing complex data pipelines, enterprise data models, and scalable analytics foundations across various settings. Skilled in modern data stack technologies (SQL, Airflow, dbt) and data warehousing, with a consistent track record of delivering results through structured ETL workflows, clear communication, and bridging the gap between IT and Operational teams.

Comfortable working under pressure, adapting to dynamic environments, and collaborating across functions to achieve shared goals. Driven by impact, continuous improvement, and practical problem-solving to optimize operational efficiency.

WORK EXPERIENCE

PT. Behaestex – Data Engineer

Jul 2023 – present

- Led Cross-Functional Digital Transformation: Partnered directly with stakeholders across all departments (Marketing, Finance, Production) to translate manual operational requirements into automated data solutions, drastically reducing reliance on manual spreadsheets.
- Data Architecture & Dimensional Modeling: Engineered the company's centralized Data Warehouse using ClickHouse and PostgreSQL. Implemented robust dimensional modeling (Kimball methodology) utilizing dbt, structuring high-volume ERP data into optimized fact and dimension tables to establish a reliable semantic layer for enterprise analytics.
- Operational Process Improvement: Modernized legacy reporting workflows by replacing manual Excel exports with 20+ automated Airflow DAGs, reducing reporting latency by 40% and eliminating human-error in data entry.
- Stakeholder Enablement: Developed and maintained executive dashboards in Metabase (BI), facilitating monthly Board of Directors meetings with accurate summaries of sales performance and departmental KPIs.
- Training & Mentoring: Conducted knowledge-sharing sessions for non-technical staff on how to utilize self-service dashboards, fostering a data-driven culture.

Viberate – Data Quality Operator

Nov 2021 – Apr 2022

- Data Integrity Assurance: Managed data quality operations for a global music analytics platform, consistently maintaining data accuracy above 90% through rigorous validation processes.
- International Collaboration: Demonstrated strong self-management and reliability while coordinating with a distributed international team (remote), ensuring strict adherence to project timelines and data standards.

PT. Jatim Autocomp Indonesia – Internship Software Engineer

Jan 2020 – Apr 2020

- Shop Floor Digitization: Collaborated with production managers to digitize paper-based reporting systems into a web/mobile platform, significantly improving data accessibility on the factory floor.
- Real-time Monitoring: Developed a production dashboard that empowered supervisors to track line problems instantly, enabling faster decision-making and reducing downtime response.

EDUCATION

Politeknik Elektronika Negeri Surabaya

Jun 2017 – Aug 2021

Bachelor of Applied Science in Computer Engineering, GPA 3.52 / 4.00

ORGANIZATION EXPERIENCE

Financial Technology Seminar (Student Union & Indodax) – Chief Committee **2019**

- Led a team of student organizers to execute a campus-wide seminar with industry partners, managing end-to-end event execution and stakeholder coordination.

Charity Program for Medokan Semampir Village – Chief Committee **2018**

- Organized community outreach and social activities, demonstrating early leadership and commitment to social impact.

CERTIFICATION & PUBLICATION

- Best Paper Award: "Fuzzy Social Force Model for Healthcare Robot Navigation" – IEEE International Electronics Symposium (2021)
- Astronomer Certification: DAG Authoring for Apache Airflow 2 – Astronomer (Jan 2025)
- Astronomer Certification: Apache Airflow 2 Fundamentals – Astronomer (Feb 2024)
- Google Cloud Skills Badges: Perform Predictive Data Analysis in BigQuery, Create and Manage Cloud SQL for PostgreSQL Instances, Build LookML Objects in Looker (2024)

SKILL

- **Hard Skill**
Data Engineering, Data Warehousing, Data Modeling (Kimball Schema), Operational Analytics
- **Software**
Apache Airflow, dbt, ClickHouse, PostgreSQL, MySQL, Python, Advanced SQL, Metabase, Power BI, Linux, Docker
- **Language**
Indonesia (Native), English (Professional Working Proficiency - C1 Advanced)