

Akhmad Thalibar Rifqi

Nganjuk, East Java, Indonesia | 082243926785 | thalibarrifqi@gmail.com

I'm a Data Engineer delivering reliable, analysis-ready data that empowers teams to monitor performance, spot trends, and make confident business decisions. I prioritize clean, structured data foundations that reduce errors and support strategic decisions.

EDUCATION

Politeknik Elektronika Negeri Surabaya

Bachelor of Engineering, Computer Engineering

June 2017 – August 2021 (GPA 3.52)

WORK EXPERIENCE

PT. Behaestex

Gresik, East Java (Jul 2023 – Present)

Full-time Data Engineer

- Built scheduled data pipelines to deliver accurate and relevant information on time, enabling departments to make reliable strategic decisions.
- Developed a data warehouse that centralized performance and production metrics, improving cross-department visibility and alignment for management and operations.
- Transformed raw operational data into structured, analysis-ready datasets, enabling teams to identify trends and generate actionable insights.
- Enhanced data models to strengthen reporting consistency and quality, ensuring teams can trust the numbers they rely on.
- Designed and maintained interactive dashboards to visualize key business and production metrics, increasing transparency and supporting faster, data-driven decisions.

Viberate

Remote (Nov 2021 – Apr 2022)

Part-time Data Entry

- Created a new artist page within the music database and conducted a thorough review of existing artist data to eliminate broken links, duplicates, and inaccuracies.

PT. Jatim Autocomp Indonesia

Pasuruan, East Java (Jan 2020 – Apr 2020)

Internship Software Engineer

- Digitized reporting system from paper to web & Android, enabling faster issue resolution.
- Implemented push notification features within web and android applications to enhance communication between the production and technician teams, enabling faster issue resolution and reducing downtime.
- Developed a monitoring system for real-time problem tracking and empowering managers with insightful dashboards to make data-driven decisions.

TECHNICAL SKILLS

- **Data Engineering & Architecture:** Data Warehousing (CIF, Kimball), ETL Pipelines, Data Modeling
- **Databases:** ClickHouse, PostgreSQL, MySQL
- **ETL & Orchestration:** dbt, Apache Airflow

- **Analytics & BI:** Metabase, Power BI
- **Programming & Tools:** Python, SQL, Git, Docker, Linux
- **Cloud Platform:** Google Cloud Platform

PUBLICATIONS

"Fuzzy Social Force Model for Healthcare Robot Navigation and Obstacle Avoidance," 2021 International Electronics Symposium (IES) - Hybrid at Sheraton Hotel Surabaya

AWARDS AND VOLUNTEERING

- Best Paper Award, 23rd International Electronics Symposium - 2021
- 2nd Place in IoT Competition MAGE 4, Institut Teknologi Sepuluh Nopember - 2018
- Chief Committee in Financial Technology and Blockchain Seminar, Student Union of Computer Engineering and Indodax - 2019
- Chief Committee in Charity Program for Medokan Semampir Village Surabaya, Student Club for Islamic and Spiritual Activities PENS - 2018