

Akhmad Thalibar Rifqi

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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

- Developed batch data pipelines using Apache Airflow to orchestrate complex workflows across multiple databases, supporting both production systems and reporting needs.
- Implemented ClickHouse as the central data warehouse for OLAP workloads, significantly improving query performance on large-scale datasets.
- Transformed raw operational data into analytics-ready models using dbt, enabling cleaner and faster reporting for both strategic and daily use cases.
- Reduced data processing time and cost by up to 73% through optimized incremental models in dbt.
- Built and maintained self-service dashboards in Metabase to monitor key business and production metrics, increasing data accessibility across departments.

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

- Upgraded from paper based to web and android apps for problem reporting
- 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

Metabase, Linux Ubuntu, Docker, PostgreSQL, MySQL, Clickhouse, Apache Airflow, dbt, Python, SQL, GitLab, 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