

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

Full-time Data Engineer

Jul 2023 – Present

- Developed a data pipeline leveraging Apache Airflow to automate the calculation of Equipment Overall Effectiveness (OEE).
- Constructed a dynamic dashboard utilizing Metabase for continuous monitoring of main product accessories inventory levels within the warehouse.
- Deployed a data warehouse solution, utilizing dbt for efficient data transformation and leveraging ClickHouse for analytical reporting.
- Optimized the data update process by up to 73% faster by implementing incremental updates with dbt.

Viberate

Remote

Part-time Data Entry

Nov 2021 – Apr 2022

- 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

Internship Software Engineer

Jan 2020 – Apr 2020

- Upgraded from paper to web and Android apps for problem reporting and records, using HTML, CSS, JavaScript, and PHP.
- 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

PowerBI, Metabase, Docker, Data Modelling, PostgreSQL, MySQL, Clickhouse, BigQuery, Airbyte, Airflow, Cloud Composer, dbt, Data Fusion, Python, SQL, GitLab

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