



Abdul Fahmi Aziz, S.T

Data Engineer

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Profile

Driven and detail-oriented Data Engineer with 1 year of hands-on experience at a leading national bank, contributing to high-impact data initiatives across teams. Proven track record in building and managing scalable data pipelines, optimizing infrastructure performance, and enabling data-driven decision-making. Proficient in Python, SQL, ETL tools (Pentaho, Apache NiFi, SSIS), and experienced with Apache Spark, Cloud Computing, Docker, and Ansible.

Professional Experience

02/2024 – present Jakarta Selatan, Indonesia	Data Engineer, PT Bank Rakyat Indonesia Tbk ↗ Internship for 2 months and continued under a PT Satkomindo Mediyasa (BRI Group), performing the following tasks: <ul style="list-style-type: none">• Communicate and collaborate with analysts to address data anomalies, ensuring data readiness for visualization.• Develop ETL pipelines to process and integrate data from various teams based on analyst requests, utilizing tools such as Pentaho, SSIS, Apache NiFi, and Apache Spark.• Manage data retention and utilization to optimize server performance within the Data Analytics team.• Monitor data availability on dashboards and use cases developed by the Data Analytics team.• Support the development of OpsVision, an end-to-end operational monitoring application, by enhancing and optimizing its platform.• Building WhatsApp automation for alert notifications for ETL Job at DTA Team.
05/2023 – 10/2023 Tangerang Selatan, Indonesia	Report Automation Intern, PT Smartfren Telecom Tbk ↗ <ul style="list-style-type: none">• Create a report with data visualization using Grafana, Superset, and Tableau.• Develop tests and simulations to ensure the systems function as intended for smartops with phpmaker.• Communicate with clients regarding their requirements.
10/2022 – 01/2023 Jakarta, Indonesia	Back End Developer, Arculus Indonesia Multisekuriti ↗ Client K3I Korlantas Polri <ul style="list-style-type: none">• Develop several API using Node JS, including Trip On (a feature for monitoring member trips).• Managing data for the K3I application using DBeaver with SQL Database, which involved analyzing, organizing, and manipulating data to support application development.• Created documentation testing using Insomnia and Postman a tool for testing APIs, and developed user guide using Microsoft Word.

11/2021 – 02/2022
Bogor Barat,
Indonesia

- Computer Lab Asisstant, Universitas Ibn Khaldun Bogor** ↗
• Helped students process basic mathematics using MATLAB, such as systems of linear and non-linear equations, Taylor series, and other mathematical concepts.
• Managed the learning time of approximately students during each session. I created lesson plans, provided one-on-one support to students, and led group discussions to reinforce key concepts.
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Education

2019 – 2023
Bogor Barat,
Indonesia

- Informatic Engineering, Universitas Ibn Khaldun Bogor** ↗
• Software Engineering Specialization with GPA 3.87/4.00.
• Awardee Pancakarsa Scholarship 2022.
• Finalist Edsen Hackathon 2022 (Edsen Consulting).
• Bina Warga, Himatekinfo UIKA Bogor 2019 Event Division.
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Independent Study

03/2025 – 06/2025
Online

Azure AI Engineer, PROA Digitalent

Tests readiness to design and implement Azure AI solutions using Azure AI services, Azure AI Search, and Azure Open AI.

02/2024 – 03/2024
Online

Digitalent Scholarship by Kominfo, Cloud Architecting with AWS ↗

- Decide on the chosen architecture based on AWS architecture principles and best practices
- Using AWS services to create scalable, reliable, and highly available infrastructure
- Using AWS services for better infrastructure flexibility and resilience
- Improve performance and reduce costs of AWS cloud infrastructure
- Using AWS frameworks to improve AWS-based architectures

06/2023 – 07/2023
Online

Digitalent Scholarship by Kominfo, Cloud Automation with Ansible ↗

- Achieve efficiency by eliminating manual processes and replacing them with automation in server management.
- Support the implementation of Devops processes.

02/2022 – 07/2022
Online

Bangkit Academy by Kampus Merdeka,

Cloud Computing with Google Cloud Platform ↗

- Gained basic knowledge in back-end web development using JavaScript language through online classes at Dicoding.
- Completed several courses where I gained proficiency in cloud architecture using Google Cloud Platform.
- In my Final Project, I implemented cloud computing to manage an application on GCP, and ensure that the credit in the cloud is used as needed.

Skills

Programming (Javascript | Python) • **Cloud Computing** (AWS | GCP | Azure) • **Code Management** (Git | Glithub) • **Data Visualization** (Superset | Grafana | Kibana) • **IaC** (Ansible) • **Databases** (MSSMS, MYSQL, Postgree, Redis, Clickhouse) • **Containerization** (Docker) • **ETL** (SSIS | Apache Nifi | Pentaho) • **Big Data** (Hadoop, Spark, Cloudera)

Course			
Menjadi Cloud Enginer ↗ Dicoding Indonesia	Belajar Dasar Git dan Github ↗ Dicoding Indonesia	Architecting with Google Compute Engine ↗ Coursera	Belajar Jaringan Komputer untuk Pemula ↗ Dicoding Indonesia
Belajar Membuat Aplikasi Back-End untuk Pemula ↗ Dicoding Indonesia	Linux System Administration ↗ ADINUSA (Akademi Digital Nusantara)	Docker Fundamental ↗ ADINUSA (Akademi Digital Nusantara)	DevOps Logging and Monitoring ↗ ADINUSA (Akademi Digital Nusantara)
RHEL Automation with Ansible ↗ Redhat Academy	Cloud Architecting ↗ AWS Academy Graduate	Belajar Visualisasi Data ↗ Dicoding Indonesia	Belajar Dasar Structured Query Language (SQL) ↗ Dicoding Indonesia
Microsoft Azure Fundamental ↗ Course AZ-900T00-A			