



# Abdul Fahmi Aziz, S.T

Data Engineer

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## Profile

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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.

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## Professional Experience

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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:

- 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** ↗

- 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

- 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

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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

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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.

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## Skills

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**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)

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