

Abdul Fahmi Aziz, S.T

IT Engineer

Profile

Enthusiastic and results-oriented with a Bachelor of Engineer in Informatics Engineering from the University of Ibn Khaldun, Bogor . Possessing a strong foundation in programming languages, cloud computing, and data visualization. Eager to leverage technical expertise and problem-solving skills to contribute to innovative projects and make a significant impact in the IT industry.

Professional Experience

02/2024 - present Jakarta Selatan, Indonesia

Associate IT Project Officer, PT Bank Rakyat Indonesia Tbk ∂

Internship for 2 months and continued under a contract with 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 - present 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.

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.

Independent Study

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

Back End (Javascript) • **Cloud Computing (**Amazon Web Services | Google Cloud Platform) •

Code Management (Git | GIthub) • **Data Visualization** (Superset | Grafana | Kibana) •

Infrastructure as Code (Ansible) • Databases (SQL, NO SQL) • Containerization (Docker) •

Monitoring (Prometheus | Node Exporter) • **Orchestration** (Kubernetes)

Certificates

Menjadi Cloud Enginer ∂ Dicoding Indonesia

Belajar Membuat Aplikasi Back-End untuk Pemula ⊗ Dicoding Indonesia

RHEL Automation with Ansible ∂ Redhat Academy **Belajar Dasar Git dan Github** *⊗*Dicoding Indonesia

Linux System Adiministration *⊗*ADINUSA (Akademi Digital Nusantara)

Cloud Architecting *⊗* AWS Academy Graduate

Architecting with Google Compute Engine ∂
Coursera

∂ ADINUSA (Akademi Digital Nusantara)

Docker Fundamental

Belajar Visualisasi Data *⊗*Dicoding Indonesia

Belajar Jaringan Komputer untuk Pemula & Dicoding Indonesia

DevOps Logging and Monitoring *⊗*ADINUSA (Akademi
Digital Nusantara)

Belajar Dasar Structured Query Language (SQL) ∂ Dicoding Indonesia