

# AFNER SIRAIT

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Afner is a Data Engineer, Data Analyst, and DevOps Engineer with 2+ experiences and expertise in data architecture and analysis, data pipelines, ETL, and DevOps. I hold a Bachelor of Engineering from Universitas Gadjah Mada and currently work as an AI and Data Analyst at Feedloop.ai. I committed to continuous learning and problem-solving. I am eager to apply my expertise to develop impactful solutions.

## EDUCATION

**Bachelor of Electrical Engineering, Universitas Gadjah Mada** **Aug 2018 – Oct 2022**

- GPA: 3.54 / 4.00 – Cum Laude

## WORK EXPERIENCES

**AI & Data Analyst in Feedloop.ai** **Sep 2025 – Now**

- Data Architecture design based on best practices and requirements
- Collected, cleaned, and analyzed datasets to extract actionable insights that support data-driven decision-making.
- Design and implement data model
- Conducted exploratory data analysis (EDA) to identify patterns, correlations, and anomalies
- Develop Data Pipeline
- Implemented and maintained data quality standards, ensuring data integrity, security, and compliance with organizational and regulatory requirements.

**DevOps Engineer in Feedloop.ai** **Jun 2025 – Oct 2025**

- Troubleshooted infrastructure and application issues
- Managed containerized applications with Docker and Kubernetes (GKE/EKS/AKS), ensuring high availability, scalability, and security.
- Collaborated closely with development teams to optimize build, test, and release processes
- Managed secrets and security policies to ensure compliance and safe operations in production environments.
- Designed, implemented, and maintained CI/CD pipelines using modern automation tools

**AI & Data Analyst in Deloitte Consulting SEA** **Jan 2023 – Jun 2025**

- As a Data Engineer for one of the biggest Property Company in Indonesia

- Conduct reverse engineering of existing Customer-360 Dashboard end-to-end data pipeline built on top of Azure Synapse and Azure Data Factory
  - Conduct target state end-to-end data pipeline architecture and system
  - Design end-to-end ELT framework
  - Develop the new end-to-end data pipeline in Microsoft Fabric on top of three data layer Bronze (Raw Data), Silver (Cleansed and Standardized Data), Gold (Data Warehouse and Data Mart) as well as Orchestration and Data Quality system.
  - Conduct end-to-end data pipeline testing and data transformation testing
- As a Business Analyst for one of the biggest Credit Scoring Company in Indonesia
  - Perform Data and System exploration and analysis
  - Analyze the business logic be implemented in the new scoring engine system
  - Designing ERD (Entity Relationship Diagram) for the new scoring engine requirement
  - Conduct Data Preparation
  - Conduct Testing and Validation
- As a DevOps Engineer for one of the biggest Credit Scoring Company in Indonesia
  - Conduct server configuration according to the new Credit Scoring Engine requirements
  - Conduct installation of Kubernetes Cluster on-premise and its complements such as Container-D, Docker, ETCD, NFS, and High Available (HA) Database (PostgreDB, Patroni, HA Proxy)
  - Conduct installation of SAS Viya 4 on top of Kubernetes on-premise
  - Conduct installation of logging and monitoring system using Prometheus, Grafana and OpenSearch
  - Design and implement CI/CD system for deployment activity, using Jenkins, Docker, and GitLab
  - Support troubleshooting issues in Kubernetes and the backend system of SAS Viya 4 and the administrations
- As a Data Engineer in one of the Leading Bank Company in Indonesia
  - Develop ETL Pipeline in SAP HANA DB (Stored Procedures, Flow Graph and Calculation View) based on business requirements for business analytic dashboard

#### **AI & Data Analyst Intern in Deloitte Consulting SEA**

**May 2022 – Jul 2022**

- Learn how to use Microsoft Excel and Python for Data Cleansing and Analysis
- Learn the techniques and procedures of Stored Procedure Migration from Postgres SQL (AWS Database) to snowflake database
- Learn how to do Data Validation using SQL and do analysis to compare and synchronize the logic of the database from the on-premise database (SQL Server Management Studio) to the migrated database in Snowflake

#### **ORGANIZATIONAL EXPERIENCES**

##### **Project Manager, Tanoto Scholars Association UGM**

**Mar 2020 – Sep 2020**

- I led the team to arrange the timeline and plan, made sure that every division reach the targets according to the plan, conducted progress meetings, and ensure that the event is well organized

- This project aims to upgrade the teamwork skills of TSA UGM members and to build good relationships in the internal of TSA UGM

**Coordinator Unit, KKN Sianjur Mulamula**

**Jun 2021 – Aug 2021**

- I led the team in building the project system, strategy, timeline, and plan of the activities. I also made sure every division and member reached the target according to the plan, tracked the output, and ensure that the project is well organized
- This project aims to empower the local community to have good knowledge and essential skills for building agrotourism and eco-tourism villages and accessibility for Digital skills needed to promote tourism villages

## SKILLS

- **Programming Language:** SQL, Python, YAML, Bash/Shell
- **Data Engineering Tools:** Azure Data Factory, Microsoft Fabric, Prefect, SAP HANA DB, PostgreDB, MySQLDB, AWS Redshift, PowerBI
- **DevOps Tools:** Kubernetes, Docker, Container-D, Jenkins, GitLab, Github, Azure DevOps
- **Analysis, Presentation, and Documentation Tools:** Ms. Excel, Google Collab, PowerBI, Ms. Power Point, Ms. Word

## LANGUAGE

- **Bahasa Indonesia** (Native)
- **English** (Professional)

## CERTIFICATIONS

- **Microsoft Azure Fundamentals** (2024)
  - Describe cloud concepts
  - Describe Azure architecture and services
  - Describe Azure management and governance
- **Google Cloud Generative AI Specialist** (2024)
  - Demonstrate understanding of foundational concepts in generative AI.
  - Introduction to Generative AI
  - Introduction to Large Language Models
  - Introduction to Responsible AI
- **AWS Cloud Practitioner** (2023)
  - Fundamental understanding of IT services and their uses in the AWS Cloud
  - Cloud fluency and foundational AWS knowledge
  - Able to identify essential AWS services necessary to set up AWS-focused projects