Fanny Partogi Salomon (Togi)
Data Engineer

👤 Profile
- Overcome complex issue with reasonable quick action and manageable long term solution
- 10+ years exposed to variant technology
- Deep passion in data engineering
- Innovate to build effective robot to automate task

💼 Employment History

Senior Data Engineer
Delos, Jakarta

Mar 2023 – present
- Build **DWH and Datalake** from zero to hero in Redshift and S3
- Guarantee automatic backward-forward compatibility on unstructured and semi-structured data
- Build monitoring and (historical) alert for all data flow metric
- SME for datawarehouse and datamart fundamental

Senior Data Engineer
Kitabeli, Jakarta

May 2022 – Feb 2023
- Build data pipeline from multiple sources to **Redshift**
- SME for ELT automation and query optimization
- 24/7 responsible and accountable for RDS Postgre and Redshift
- Mentoring datawarehouse and datamart fundamental

IT Business Analyst AML
Bank BTPN, Jakarta

Jun 2020 – Jan 2022
- Hands on data availability, mapping E2E and UAT for **GoAML**
- Facilitate between user AML, vendor, PMO, IT architecture, infrastructure, risk, SAM and deployment for each AML project
- Build robot to automate closing PEP alert

Engineering Team Lead
PT Traveloka Indonesia, Jakarta

Sep 2017 – Mar 2020
- Utilize **AWS** to build solution for Finance reporting requirement
- Guarantee data flow and compatibility between different input
- Coach and encourage teammate to comply governance
- Build robot to automate airline balance monitoring

Support Team Lead
PT Ciboodle Indonesia (Verint), Jakarta

Jan 2012 – Aug 2017
- Work on **Ciboodle framework** for multiple customer
- Act as L2 and L3 when dealing issues
- Shared responsibility in global support team across Asia, Australia, America and Europe

Contact
Bekasi, Indonesia
+62 852 8257 5198 (whatsapp) ✔✔
togi.sn@gmail.com

Skills
Data transformation
- SQL, Debezium, Hevo, Python, Airflow, Dbt

Robotic (RPA)
- UiPath
- Kofax

Collaboration tool
- Jira, Confluence
- Trello

Containerization
- Docker

Business Intelligence tool
- Domo, Holistic, Metabase, Jasper

Infrastructure on Cloud
- AWS EC2, ECS, Redshift, DMS, RDS, S3, ASG, ELB, VPC, Lambda, Cloudwatch
- GCP Firebase, App Engine, BigQuery, GDS

Infrastructure as Code (IaC)
- Ansible
- Terraform

Internet of Things (IoT)
- Arduino

CI/CD
- Github action, Vetiver
- Jenkins, Teamcity

Mobile App
- Android SDK
- Appium

Programming
- Java
- Batch, shell script
- Slack bot, Telegram bot
- REST, webhook

Web development
- HTML, JSON, CSS
- jQuery, Node.js, React
- PHP

Networking
- TCP/IP

PHP Programmer

PT Inti Konten Indonesia, Jakarta
May 2011 – Nov 2011
- Implement and develop custom **PHP** framework
- Stationed at KBUMN (Kementrian Badan Usaha Milik Negara) and works with external vendor, ie. Database and network.

PHP Programmer

PT Metanouva Informatika, Bandung
Nov 2010 – Mar 2011
- Implement and develop custom **PHP** framework
- Analyze and migrate data with backward compatibility

🎓 Education

Bachelor, IT Telkom, Bandung
2004 – 2008

Informatics (3.18/4.0)

⚘ Extra-curricular activities

Blood Donor at Palang Merah Indonesia, Jakarta
May 2011 – Now
Registration number A352762

Blood Donor A with Rhesus +

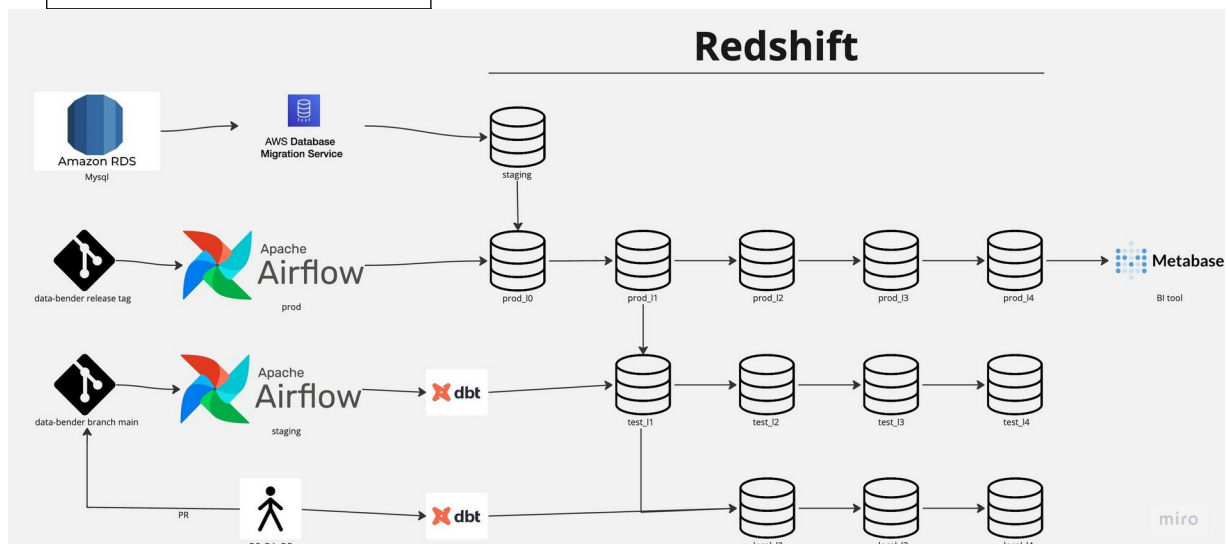Per June 2023, I have done the 27 times.

💼 Datamart

DWH Redshift, Delos
2023

L0	Deduplicate and reformat
L1	Data model eg. star schema
L2	Normalization tables
L3	Business threshold
L4	Final table

Key points.
* Governed dependency
* Data lineage
* Concurrency
* Robust
* Automatic retry
* Backward-forward compatibility

* Prod/test environment
* Code versioning
* Test unit
* Data quality
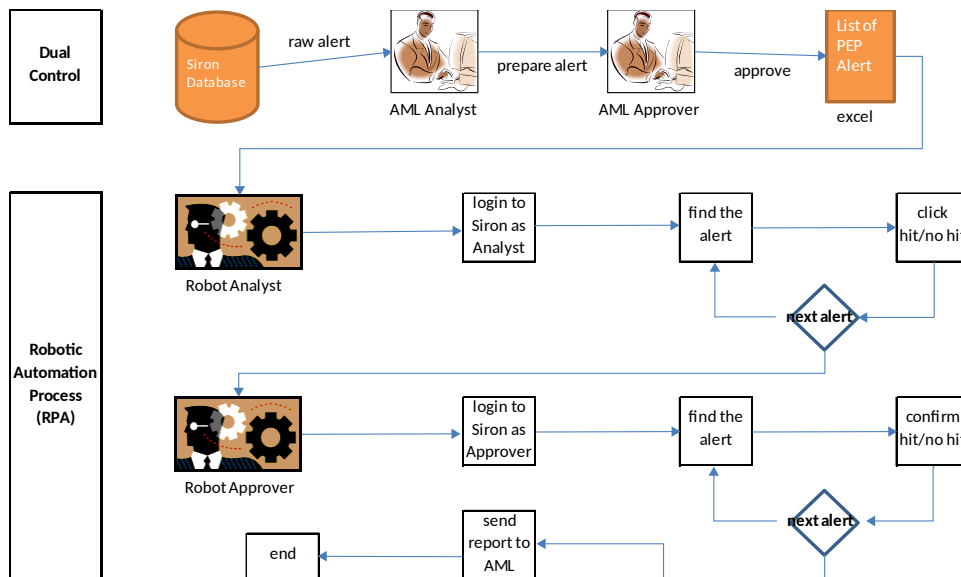* Monitoring dashboard
* Historical alert

💼 Robotic Process Automation (RPA)

Closing PEP Alert, BTPN

2021

AML team regularly needs to close PEP alert produced by Siron. The closing process requires dual control by AML Analyst and Approver, but the rest of the process is a repetitive action and very time consuming. We are utilizing Robotic automation to do those repetitive tasks in a more efficient time.

This RPA is built on Kofax. Excel is used to contain the alert for both hit and no hit. The Robot can recognize the Excel in a specific format in each column to indicate what the alert is, whether it is hit/no hit. The Robot does not do any decision making, ie. an alert is hit/no hit, they do actions based on data written in the Excel.
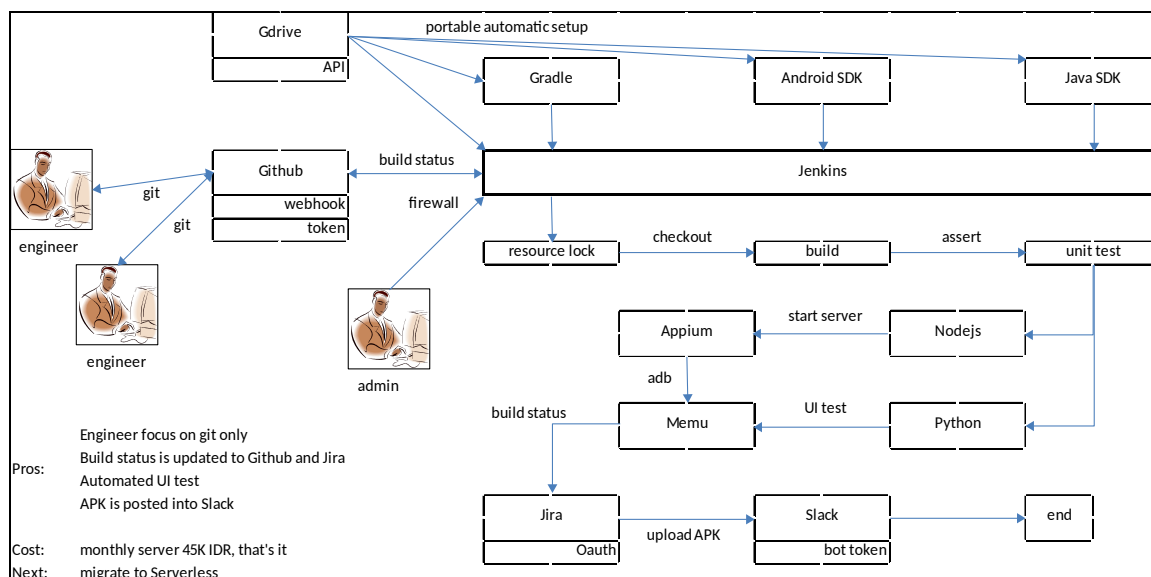

⅄ Self learning

Continuous Integration and Continuous Deployment (CICD)

2021

A colleague of mine was struggling with manual and error prone User Interface (UI) test on his Android platform. I suggest to automate the UI test by system, his engineer can code what to do and what to expect on certain UI element. I also offer the idea of simplicity, that is, his engineer should only do coding, everything else such as code revision, compiling, jira status, UI test and APK generation will be handled by the system, this including capability of concurrent multiple engineers on multiple projects. I successfully implement the following CICD in 3-4 weeks which can automate the entire process.

❧ Certificate

2021

Fanny Partogi Salomon's HackerRank Certificates

SQL (Intermediate) **Verified**	Problem Solving (Basic) **Verified**	Java (Basic) **Verified**	JavaScript (Basic) **Verified**	Node (Basic) **Verified**	SQL (Basic) **Verified**
Python (Basic) **Verified**	Rest API (Intermediate) **Verified**	JavaScript (Intermediate) **Verified**			

Best Regards,

Togi.