

FERY SADEWA

QA Engineer (Data & AI) | Data Quality, ETL & ML Pipeline Validation

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With almost three years of experience in technical product development, I bring a strong background in product and implementation QA, and I am currently focused on data quality and QA for data-driven systems. I work on validating SQL transformations, ETL pipelines, and data outputs, while leveraging my product QA experience to ensure business workflows, system integrations, and data align into reliable, scalable solutions.

WORK EXPERIENCE

Insignia.co.id / Quality Assurance Engineer

August 2025- Present

- Ensured data quality and reliability for Data & AI products by validating SQL queries, ETL pipelines, and data transformations across source, staging, and warehouse layers. Performed data quality checks to identify anomalies, missing values, duplicates, and schema mismatches.
- Tested ETL and data pipelines to verify transformation logic, aggregations, and data consistency, contributing to a 60% reduction in processing time through early defect detection and improved validation workflows. Collaborated with Data Engineers to resolve pipeline issues and improve data accuracy.
- Validated machine learning pipelines by checking dataset integrity, feature outputs, and model inference results, including sanity checks on predictions and data drift between training and production environments. Delivered 95% of assigned QA tasks on schedule, supporting UAT, deployment validation, and post-release data verification within the SDLC framework.

PT Sakura System Solution / Software Implementation & Tester

August 2024- August 2025

- Implementing & Data Quality HRIS Software at PT Indobara Bahana, Rhoto Laboratories Indonesia, and PT Clipan Finance Indonesia Tbk, by ensuring smooth system implementation through testing, including automated approval workflows, interest calculations, and payroll integration, reducing processing time by 60% while ensuring seamless system integration and user adoption.
- Successfully completed 95% of assigned IT product development projects on schedule. and with a strong understanding of the Software Development Life Cycle (SDLC), I contribute to Software Implementation by ensuring optimal system integration, adjusting configurations according to business needs, and providing support in user training and deployment so that the system can be used effectively by end-users.

Aleph-Labs / Quality Assurance Engineer

Jan- August 2024

- I understand the SDLC and can contribute at every stage to ensure thorough testing, early issue detection, and high-quality software delivery.
- I support my team by creating manual test cases, performing API testing with Postman, and automating regression tests using Selenium, RestAssured, and Appium.
- As a QA at Prodia Healthcare, I tested healthcare applications, developed test cases for patient and lab systems, and ensured compliance with medical and security standards.

PT Anugrah Gasindo Abadi / Marketing and Asset Staff

Feb 2021 - Jul 2023

- Boosted sales of gas assets by 5-10% compared to the previous month through effective monitoring and strategic allocation.
- Collaborated with the sales and production team to align asset availability with market demands, optimizing inventory utilization and improving customer satisfaction. ensuring timely distribution and increased sales performance.
- Effectively managed and maintained the company's asset database, ensuring up-to-date maintenance history and technical documentation to support operational efficiency.

EDUCATION

Universitas Jenderal Soedirman

Sep 2016 - Oct 2020

Bachelor Degree in Marine Science, 3.46/3.99

- Active as an undergraduate practicum assistant on 2017-2020 : Biology (2017 & 2018), Larval Biology Microorganism (2018), Marine Climatology (2018), Coastal Reclamation (2019), Oceanography Introduction (2019), Oceanography Geophysics & Chemistry (2019), Sedimentology (2020)
- Human Resource Development Staff (2018), Became Chief Executive of PKKMB and Makrab FPIK UNSOED & Participating in Volunteer (FP2TPKI) 2018.

JayJay / Bootcamp Quality Assurance Engineer & Freelance Program at Alterasi Karya

Apr 2023 - Jan 2024

- Collaborate with the development team to identify functionality, ensuring thorough testing, including smoke tests for main features and regular regression testing to maintain product stability. Bugs are monitored and reported using TestRail, Jira, and spreadsheets.
- Proficient in various technologies such as Java, Python, Appium, Selenium WebDriver, RestAssured, Apache JMeter, Locust, and Postman, with expertise in model structure testing using POM and BDD methodologies.

ADDITIONAL INFORMATION

- **Technical Skills:** Java, Python, TestNG, Pytest, Test Methodologies, Maven, Gradle, Appium,, Katalon.
- **Sales & Marketing:** Marketing Strategy, Business Relationship Management, Sales Development
- **Languages:** English and Indonesia.
- **Certifications:** JayJay Certification profession Quality Assurance Engineer (2023).