ALBERT RICHARD DAMMARA

Website: albertdammara.com
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Information Systems graduate with experience in industrial data engineering, data analytics and software quality assurance. Experienced in building data pipelines, business dashboards, and digital transformation initiatives. Strong communicator with hands-on project leadership experience, preparing for future roles in Data Engineering and IT management.

Experience

Imagination Frontier, LLC Seattle, Washington (remote)

Software Quality Engineer August 2026-present

- Run manual test cycles on several application, including a mobile puzzle game and AI chat assistant. Write test cases, log and track defects, and verify fixes.
- Use AI coding tools (Codex) to draft and run test scripts and speed up regression checks. Report issues to the development team and help reproduce and prioritize them.

PT. Wahana Nusantara Rucika (Djabesmen Co.) Jakarta, Indonesia

Data Analyst - Industrial Manufacturing Analytics August 2025-February 2026

- Focused on industrial analytics, analyzing manufacturing and machine sensor data to support predictive maintenance, equipment reliability, and data-driven operational decisions.

Data Engineer February 2025-August 2025

- Designed and deployed scalable, real-time data pipelines using the TIG Stack (Telegraf, InfluxDB, Grafana) to ingest and visualize IoT sensor data across distributed production environments. Partnered with cross-functional technical and business stakeholders to integrate edge data into central Manufacturing Execution Systems (MES), establishing data best practices that reduced equipment downtime risk by 30% and optimized operational agility.

PT. PLN (Persero) Jakarta, Indonesia

Data Analyst March 2024-August 2024

- Developed a machine learning-powered dashboard to analyze power industry trends for internal training and employee upskilling. Streamlined employee certification recordkeeping through digital filing system integration, resulting in faster retrieval and reduced manual input.

Skystar Ventures Tangerang, Indonesia

Business Incubatee February 2023-November 2023

- Selected from a highly competitive pool to develop digital product concepts, including fintech payment architectures and productivity SaaS platforms, helped evangelized technical solutions to stakeholders through pitch presentations, business model design, and strategic go-to-market planning, effectively bridging the gap between technical infrastructure and customer needs.

Skills

Python, RAG, LLM, MySQL, Microsoft Excel, Power BI, SAS, Tableau, IT Infrastructure, TIG Stack, ETL, Data Governance, Digital Transformation, Business Process Improvement

Education

Universitas Multimedia Nusantara Tangerang, Indonesia

Bachelor of Information Systems September 2021-August 2026

- Coursework: Data Structures & Algorithm, Data Analysis, Data Visualization, Software Development, Security Computer Network, Corporate Business Process
- **Minor in Big Data Analytics**

Douglas College Vancouver, Canada

Associate Degree Diploma (not completed) September 2017-August 2019

- Coursework: Cross-cultural Communications, Business Communications, Management Essentials, Introduction to Programming, System Analysis & Design, Database, The Canadian Economy
- **Minor in Computing Studies**