

Rionaldo Fransiskus Silaen

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Summary

- Fresh graduate in Logistics Engineering with internship experience in the logistics division of the Kalayang Canteen Construction Project at the Indonesian House of Representatives (DPR RI). Experienced in material planning, construction material data management, inventory control, material documentation, and billing administration for the Commitment-Making Officer (PPK).
- Addressed recurring material shortages caused by outdated inventory data by designing and developing a web-based inventory system that improved stock visibility, recording accuracy, and coordination of project material requirements.
- Developed a vendor performance evaluation system using a Vendor Performance Index (VPI) based on Simple Additive Weighting (SAW), performed raw material quality control and inbound logistics process analysis, developed SOPs based on SNI ISO 2859-1, and processed data using Microsoft Excel. These process improvements reduced the raw material defect rate from 16% to 3% during the trial period.

Skills

Supply Chain and Logistics: Inbound Logistics, Material Requirements Planning, Inventory Control, Inventory Management, Material Control, Stock Monitoring, Goods Receiving, Logistics Administration, and Warehouse Operations.

Procurement and Vendor Evaluation: Procurement Administration, Vendor Performance Evaluation, Supplier Performance Evaluation, Vendor Performance Index (VPI), Simple Additive Weighting (SAW), Quality/Delivery/Price Analysis, and Purchase Order Monitoring.

Inventory Control: Stock Accuracy, Material Movement Tracking, Material Documentation, Inventory Data Updates, Inventory Visibility, Database Management, and Real-Time Inventory Monitoring.

Material Quality Control: Raw Material Receiving Inspection, Acceptable Quality Level (AQL) 2.5%, SNI ISO 2859-1:2014, Sampling Methods, Defect Analysis, and SOP Development.

Tools and Systems: Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Data Processing, Data Visualization, Business Process Analysis, Website-Based Inventory Systems, and Database Management.

Professional Competencies: Problem Solving, Cross-Divisional Coordination, Leadership, Team Collaboration, Reporting, Documentation, Communication, *Continuous Improvement*, and Workplace Safety Awareness.

Experience

Logistics Intern

PT. Ramadika Mandiri

Jun 2025 – Aug 2025

Jakarta, Indonesia

- Supported logistics activities for the Kalayang Canteen Construction Project at the Indonesian House of Representatives (DPR RI) by planning material requirements and monitoring raw material availability to ensure smooth construction operations.
- Updated and managed data on the receipt, issuance, usage, and availability of construction materials to support inventory control and coordination of project material requirements.
- Prepared work and material billing documents for the Commitment-Making Officer (PPK), and verified the accuracy of supporting data against material usage and project activities.
- Designed and developed a web-based inventory system to record goods movement, update stock positions, and help the logistics division monitor material requirements more accurately, centrally, and in a timely manner.
- Participant, Student Management Skills Training Levels 1 and 2 (a mandatory training program developing student leadership and organizational management skills).

Projects

Inbound Logistics Process Improvement and Raw Material Quality Control

2025 – 2026

- Analyzed raw material receiving data and identified defective materials, with a weighted defect rate of 16%.
- Designed a Vendor Performance Index based on Simple Additive Weighting using the criteria Quality (50%), Delivery (30%), and Price (20%) to support objective vendor evaluation and prioritization.
- Developed a receiving inspection SOP based on an Acceptable Quality Level (AQL) of 2.5%, referring to SNI ISO 2859-1:2014, to determine sample size, acceptance number, rejection number, and lot acceptance or rejection decisions.
- Built a Microsoft Excel-based tracking tool integrated into a dashboard for real-time data visualization.
- Reduced the defect rate of raw materials entering the warehouse from 16% to 3% during the trial period.

Leadership & Organizational Experience

UKM Keluarga Besar Sumatera Utara

2025

President

Telkom University, Bandung

- Led the management team of the North Sumatra Student Association (UKM Keluarga Besar Sumatera Utara), coordinated work program planning, delegated responsibilities, and monitored program implementation to ensure activities were carried out on schedule and aligned with organizational goals.
- Managed cross-divisional communication and represented the organization in coordination with internal university stakeholders and student activity partners.

ONNOSU – *One Night North Sumatera*

2024

Event Chair, North Sumatra Arts and Culture Festival

Telkom University, Bandung

- Led the planning and execution of a North Sumatra arts and culture festival, including committee coordination, task delegation, operational readiness, and problem resolution throughout the preparation and execution phases.

Education

Telkom University

Aug 2022 – Aug 2026

B.Eng. in Logistics Engineering — GPA: 3.34/4.00

Bandung, Indonesia

SMA Negeri 1 Air Putih (Public Senior High School)

Jul 2019 – Jun 2022

Science Program (Natural Sciences)

North Sumatra, Indonesia