

Mushthafa Aminur Rahman

Strategy & Management Consulting | Quantitative Analytics

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Profile

Analytical problem solver and Data Science graduate (GPA: 3.61/4.00) with proven experience delivering tangible operational transformations across management consulting, retail operations, and state infrastructure. Experienced in synthesizing complex multi-stakeholder datasets, building Workload Analysis (WLA) models, establishing corporate governance frameworks (RASCI), and co-creating automated operational systems. Adept at translating high-level executive hypotheses into structured analytical workstreams and actionable client deliverables.

Core Competencies & Tooling

Consulting & Strategy: Hypothesis-Driven Problem Solving, Workload Analysis (WLA), RASCI Governance, Market & Competitor Research, Business Requirement Translation, Executive Presentations

Quantitative Analytics: Advanced Financial & Excel Modeling, Python (Pandas, NumPy, Scikit-learn), SQL (PostgreSQL), Statistical Anomaly Detection, Metric Tree Decomposition

Operations & Implementation: Process Optimization, Vendor Management, Operational Workflow Automation (n8n), Cross-Functional Stakeholder Alignment

Languages: English (Fluent / C2 Proficient - EF SET 74/100, EPRT 560), Indonesian (Native)

Professional Experience

Seven Retail Group

Jakarta, ID

Strategy & Operations Intern

Aug 2026 – Present

- Co-designed and implemented operational synchronization frameworks for **Sparks Sports Academy**, aligning branch-level class allocation and resource scheduling with head-office strategic growth targets.
- Established vendor management frameworks and operational compliance guidelines across commercial units, optimizing vendor SLA tracking, facility utilization, and recurring expenditure.
- Engineered a real-time **Class Redistribution & Operational Sync Pipeline** (React, Django REST, PostgreSQL, n8n), eliminating cross-departmental coordination bottlenecks and accelerating response rates for management.

Better & Co

Jakarta, ID

Technical Solution Consultant (Intern)

Feb 2026 – Aug 2026

- Co-created an end-to-end **Workload Analysis (WLA) Engine** for a leading pharmaceutical enterprise, developing CatBoost and PyTorch statistical models with SHAP explainability to optimize headcount allocation and organizational efficiency.
- Facilitated corporate capability mapping and granular **RASCI matrix alignments** for a municipal rapid transit operator, translating complex operational workflows into structured, board-level governance documentation.
- Built an automated analytical data pipeline evaluating training competency and long-term KPI growth for a major FMCG confectionery brand, directly supporting client-facing leadership reviews.
- Formulated data architecture frameworks and relational schemas for enterprise client platforms, securing strict data governance and regulatory compliance.

PT PLN (Persero)

Jakarta, ID

Data Engineering Intern

Jun 2025 – Aug 2025

- Synthesized and evaluated millions of daily infrastructure access and operational telemetry logs, identifying system traffic patterns across critical state utility infrastructure.
- Engineered statistical anomaly detection models to detect operational risks early, reducing manual verification overhead by 20% and delivering proactive risk mitigation reports to executive supervisors.
- Authored structured operational tracking logic and documentation, ensuring audit-ready data lineage and seamless knowledge transfer.

Strategic & Analytical Projects

AOBA – Enterprise Workforce Intelligence Platform

Lead Systems & Strategy Architect

- Architected a predictive workforce analytics platform combining structural HR metrics, rule-based anomaly detection, and machine learning (XGBoost + SHAP) to forecast organizational capacity constraints and turnover risk.

Operational Capacity & Redistribution Optimization Engine

Analytics & Operations Architect

- Developed an end-to-end operations management pipeline integrating multi-branch data synchronization, SQL data warehousing, and automated webhook alerts to monitor capacity utilization in real time.

Leadership & Firm Building

HIMA Data Sains (Telkom University)

Bandung, ID

Head of Department / Lead

Jan 2024 – Feb 2025

- Pioneered data-informed organizational governance, monitoring internal department workload metrics to balance responsibilities and elevate member performance across high-stakes initiatives.
- Led cross-functional teams in executing technical conferences, industry panels, and corporate engagement workshops, managing budget allocations and corporate partner relations.

Nihon no Matsuri (Major Cultural Festival)

Bandung, ID

Advisor & Senior Operations Officer

Oct 2022 – Jun 2025

- Directed operational budgets, asset logistics, and resource procurement workflows for a heavy-traffic commercial event catering to thousands of attendees.
- Conducted spatial and historical vendor sales analyses to mathematically optimize commercial booth allocations, visitor flow corridors, and on-site bottleneck mitigation.

Education

Telkom University

Bandung, ID

Bachelor of Science in Data Science; GPA: 3.61 / 4.00

Graduated 2026

- Coursework: Big Data Analytics, Statistical Inference, Predictive Modeling, Optimization, and Cloud Computing.
- Undergraduate Thesis: Applied Deep Neural Network (DNN) architectures and SHAP explainability models to evaluate multidimensional organizational performance factors.