

MIKHAEL CHANDRA GOK RIZKY HUTAHAEAN

IT Support | IT Technician

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SUMMARY

Fresh graduate in Informatics Engineering with practical IT support and technical operations experience from internships at PT. Schneider Electric Manufacturing Batam and PT. Wasco Engineering Indonesia. Proven ability to diagnose and resolve hardware, software, and network issues in enterprise environments. Supplemented by hands-on experience in data systems and a self-built production platform (AERO LAB), demonstrating strong technical initiative and the ability to work independently on complex technical problems.

PROJECTS

AERO LAB — AI-Powered Quantitative Stock Analysis Platform

aero-lab.lunemich.dev | TypeScript, Node.js, Telegram Bot API, AI/LLM Integration

- Built and deployed an end-to-end stock screening platform covering 800+ IDX-listed companies, running 20 automated quantitative trading strategies (e.g. Breakout, Wyckoff Accumulation, CAN SLIM, VWAP Rejection).
- Designed 15+ REST API endpoints serving real-time price, fundamental (PER, PBV, ROE, DER), and foreign-flow data, integrated with an AI analysis layer for automated trade signal generation.
- Built a Telegram Bot with in-app Web-App mode for real-time signal delivery, plus a tiered (Free/PRO) access system.

eWTR — Welding Traceability & Document System

Laravel, Python, MySQL

- Designed a welding traceability and document-control system modeled on real EPCM workflows observed during the Wasco Engineering internship.
- Built relational data structures in MySQL to track welding records, inspection status, and document revisions.

EXPERIENCE

Intern, IT Support

Jan 2020 – Apr 2020

PT. Schneider Electric Manufacturing Batam

- Diagnosed and resolved hardware, software, and network connectivity issues for employee workstations.
- Repaired and maintained laptops and desktops to minimize operational downtime on the manufacturing floor.

Intern, QC & Document Control

Jul 2024 – Apr 2025

PT. Wasco Engineering Indonesia (Oil & Gas EPC/Fabrication)

- Maintained and validated structured engineering drawing repositories supporting active fabrication projects, using Excel-based tracking and revision control.
- Supported the QC Document Control team in managing and validating technical documentation to maintain workflow efficiency across project stages.

ML Engineer & Data Research Student

Jan 2024 – Jun 2024

Infinite Learning

- Designed and built a data pipeline automating data collection, preprocessing, and model deployment for an early childhood stunting-detection classification model.
- Fine-tuned model hyperparameters, improving classification accuracy; presented findings and methodology to program supervisors and research peers.

EDUCATION

Informatics Engineering (D3) — Politeknik Negeri Batam

Aug 2022 – Feb 2026

Associate Degree

Computer and Network Engineering — SMK Negeri 3 Batam

Jul 2018 – Jun 2021

- Represented school at the Provincial-Level Competency Competition (LKS) in Web Development.

TECHNICAL SKILLS

IT Support & Helpdesk: Hardware troubleshooting, software diagnosis, user support, workstation maintenance

Networking: Network configuration, connectivity troubleshooting, fundamentals (TCP/IP, DNS, LAN/WAN)

Tools & Infra: Git, Linux basics, MySQL, Excel-based QC/document control

Programming: TypeScript, JavaScript, Python, SQL — applied in personal technical projects

Languages Spoken: English (Fluent), Indonesian (Native)