

Sai Wai Yan Phyo

Operations Analyst | Data Analyst | QA Analyst
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PROFILES

Linkedin
[Sai Wai Yan Phyo](#)

GitHub
[saiwaiyanphyo](#)

SUMMARY

Digital Engineering graduate with hands-on experience in data analysis, process improvement, SQL, Excel, Python, and data visualization. Experienced in processing large datasets, developing dashboards, and automating workflows to improve reporting and operational efficiency. Interested in applying data-driven problem solving to logistics and supply chain operations.

SKILLS

Data Analysis	Business Intelligence	Automation	Microsoft Office
Python, SQL, Pandas, ETL, Data Cleaning, PostgreSQL	Excel, Power BI, Tableau, Google Data Studio	Power Automate, N8N	Excel, PowerPoint, Word

EDUCATION

Sirindhorn International Institute of Technology, Thammasat University
Digital Engineering
Relevant Coursework: Database Systems, Data Visualization, Scientific Computing, Applied Machine Learning and AI

Bachelor of Engineering
Thailand • Aug 2023 – Jul 2026

EXPERIENCE

National Electronics and Computer Technology Center
Research Intern

Thailand
Jun 2025 – Aug 2025

- Built Python and SQL data pipelines to collect, clean, validate, and process 100K+ records, improving data preparation efficiency for analysis.
- Developed structured data-processing workflows and performed data quality checks to support reliable reporting and analysis.

PROJECTS

My Personal Data Dashboard
Developed an Excel and Google Data Studio dashboard to track and visualize daily metrics, including expenses, water intake, and coffee consumption.
Tool : Excel, Google Data Studio

Job Your Love
A full-stack job application tracker that gives each user their own private, Excel-like grid for managing applications — custom columns, inline editing, status pipelines, and dashboard analytics
Tech: Next.js, TypeScript, Supabase, Cloudflare Workers

Parkinson's Disease Pre-Detection Screening System
A two-stage screening system combines NLP-based clinical record scoring and MobileNetV2 CNN hand-drawing classification to assess users' risk of Parkinson's disease.
Tech: Python, Keras, MobileNetV2, PyThaiNLP, Gradio, Hugging Face Spaces

VOLUNTEER

VarCamp	2022 – 2025
Organizer	
https://var.camp/	

INTERESTS

IoT Project	Digital Mapping	Data Dashboard
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LANGUAGES

Burmese	English
Native	Professional