Vincent Gregory C. Aboy

Manila, Philippines | 0950-5581886 | vince.aboy@gmail.com | https://www.vinceaboy.com/profiles/

Data Operations & Automation Specialist | Internal Tools & E-commerce Data Platforms

Professional Summary

Data Operations and Automation Specialist with experience in product taxonomy, catalog quality, e-commerce data workflows, SQL-backed dashboards, and internal tools. Combines practical data-operations expertise with Python, SQL, Flask/FastAPI, PostgreSQL, and API integrations to build reliable systems for internal teams.

Built and maintained VPS-hosted workflows that retrieve, normalize, and operationalize e-commerce inventory, product, order, listing-status, approval, and buybox data through Baselinker and Trendyol APIs. Experienced with NGINX, Gunicorn, Uvicorn, systemd, cron, logging, backups, and technical documentation.

Core Competencies

Product Taxonomy & Catalog Quality; Data Cleaning, Enrichment & Normalization; Python Automation; SQL & PostgreSQL; Flask & FastAPI Internal Tools; E-commerce API Integrations (Baselinker, Trendyol); Product Categorization & Data Validation; Competitor Monitoring & Web Crawling; ProductWatch Dashboards; ProductScout Data Pipelines; VPS Deployment & Reliability; Excel & Google Sheets Automation; OpenAI API Workflows.

Technical Skills

Languages: Python, SQL, TypeScript, JavaScript, HTML/CSS, Bash
Frameworks: Flask, FastAPI, React, Bootstrap, Jinja2
Data & APIs: PostgreSQL, MySQL, Baselinker API, Trendyol Seller API, Google Sheets API, OpenAI API, REST/JSON
Infrastructure: Linux CLI, NGINX, Gunicorn, Uvicorn, systemd, cron, VPS deployment, backups, logging

Work Experience

Sufco International - E-commerce (Remote)

Automation & Internal Tools Developer | Jan 2026 - May 2026

- Built and continuously enhanced ProductWatch, a production e-commerce command center used daily by leadership to monitor fast-moving products; automated Baselinker and Trendyol stock data into PostgreSQL dashboards and low-stock alerts, reducing an estimated 10-20 minute manual check to a few minutes and helping prevent stockouts.
- Built PriceWatch Radar, a production competitor-intelligence platform used daily by leadership to monitor three competitor websites, including Sephora and Douglas; automated competitor price, stock, and product-match tracking into PostgreSQL-backed dashboards, replacing hours of manual competitor research with near-real-time monitoring that informed pricing, product-investigation, and stocking decisions.
- Built, tested, and demonstrated ProductScout, an early-stage competitor-intelligence foundation with substantially complete core logic; created workflows to prioritize fast-moving products, discover competitor listings, validate product matches, capture prices, and retain price history for a planned unified ProductWatch/PriceWatch command center.
- Built and launched the end-to-end AI Visualizer for Sufco's eLightPlanet product pages, turning a long-standing leadership concept into a live customer experience that lets shoppers preview selected lighting in their own room before buying through upload/default-room flows, AI placement or chandelier replacement, and manual move/resize controls.
- Built the Baselinker API data backbone for ProductWatch, ingesting enriched product inventory and order data into PostgreSQL-backed dashboards and exports so leadership could monitor operations from one internal view instead of manually opening Baselinker.
- Built a Trendyol Seller API workflow that loaded listing status, approval outcomes, buybox information, and orders into ProductWatch, replacing manual Trendyol checks with centralized marketplace monitoring for leadership.
- Supported VPS reliability through PostgreSQL, NGINX, Gunicorn, Uvicorn, systemd, cron, logging, backups, monitoring, alerting, and documentation.

Woflow - Retail Data Operations (Remote)

Data Specialist / Catalog Taxonomist | Mar 2024 - Dec 2025

- Built a multi-format Brand Path Suite (web, Chrome extension, and standalone app), used daily by an estimated 20-50+ Data Specialists, QA reviewers, and managers; maintained the company master list and enabled immediate type-ahead lookup for an estimated 5,000+ team searches per day, replacing 1-3 minutes of manual research for missing paths.
- Built an AI-Assisted Product Categorization Tool that was adopted by an estimated 20-50+ person team; structured product attributes for approximately 50-product batches, reducing a typical 1-1.5+ hour manual process to usually under 45 minutes.

- Built a Product Database Verification Tool (URPC), adopted by Data Specialists and QA reviewers, to compare merchant and standardized product records across product attributes; reduced a typical 100-line review from about 15 minutes to 2-3 minutes and reduced manual comparison mistakes.
- Cleaned, enriched, and standardized merchant product data across 20+ catalogs following enterprise style guides.
- Applied taxonomy mapping, brand logic, and attribute extraction for accurate product classification and catalog quality; normalized product attributes and resolved missing or conflicting data through UPC research, Google verification, extended sizing rules, and weighted-item logic.
- Applied exclusion rules and quality checks to improve accuracy, consistency, and compliance.

THOR Group - Remote

Data Management Analyst | Sep 2014 - Jan 2024

- Led data acquisition from multiple platforms to build structured databases of healthcare leads.
- Helped design email workflows and backend processes, contributing to higher campaign engagement (~30%).
- Evaluated and optimized software tools, helping reduce operational costs (~15%).
- Authored SOPs and documentation to support onboarding and process standardization.

Kinden Phils. Corporation - Makati, Philippines

IT Manager | Apr 2005 - Mar 2014

- Managed IT infrastructure, servers, databases, security systems, backups, and networks.
- Built and maintained BOQ databases to support Electrical & Mechanical project costing and reporting.
- Oversaw CCTV, biometrics, and GPS systems; implemented preventive-maintenance schedules.

Kenway Courier Services - Manila, Philippines

Operations Coordinator | Aug 2002 - Dec 2004

- Generated operational and billing reports for major banking clients; managed client communications, escalations, and delivery-status tracking.
- Improved workflows for delivery receipt and RTS (Return to Sender) tracking.

Selected Technical Projects

E-commerce Data Operations Platform: VPS-hosted internal operations platform combining ProductWatch analytics dashboards, ProductScout competitor-intelligence pipelines, AI Visualizer workflows, and operational reliability practices. Stack: Python, SQL, Flask, FastAPI, React, TypeScript, PostgreSQL, NGINX, Gunicorn, Uvicorn, systemd, and cron.

Competitor-Matching Workflow: Competitor-matching workflow platform developed for data operations, supported by local project evidence and integrated with the broader Sufco work context.

Personal Dashboard - DS Productivity & QA Checker: Flask dashboard that processes DS and QA task logs from Google Sheets/Excel, compares outputs, and surfaces mismatches, KPIs, error summaries, and invalid rows.

Brand Path Suite: Multi-format lookup suite (web, Chrome extension, and standalone app) that centralized the company master Brand Path reference for daily type-ahead search, refinement, and reuse.

Education

AMA Computer Learning Center - Manila | Computer System Design & Programming
Top Student & Best Programmer Award