ARTHUNYA (JUNE) KANOKLERTWONGSE

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DATA & BUSINESS ANALYST

Work Authorization: F-1, eligible for CPT for internships

SUMMARY

Finance, e-commerce operations, and BI reporting analyst (Thailand, UK, U.S.) completing an M.S. in Computer Science (AI). Builds SQL reconciliation pipelines and Power BI dashboards, automated finance reporting, and has applied machine learning to financial and supply-chain risk.

EDUCATION

M.S. Computer Science, AI Concentration — Westcliff University, San Francisco, CA **Expected Dec 2027**
GPA 3.89/4.0 | Founder's Scholarship | Coursework: Machine Learning, Concepts of AI, IT Project Management, Big Data Analytics & Visualization (transfer); Natural Language Processing (in progress)

M.Sc. Financial Technology (Merit) — University of the West of England, UK | **B.S. Accountancy** — Siam University, Thailand

SKILLS

Analytics & BI: SQL (CTEs, joins, CASE logic; DuckDB), Power BI (DAX), Excel (VBA, Power Query, PivotTables), Tableau, Python (pandas, AI-assisted)
Methods: Reconciliation, KPI Design, Data Validation, Root Cause Analysis, Forecasting, Model Evaluation (F1, threshold calibration), Process Mapping
AI Tools: Claude, ChatGPT, Gemini for SQL debugging, dashboard builds, documentation, and research drafting

PROJECTS

O2C Reconciliation Modernization — Independent Portfolio Project (public Olist e-commerce data) **2026**
- Reconciled 99,441 orders in DuckDB SQL; pre-aggregated items and payments per order with CTEs to prevent double-counting.
- Classified orders into six exception types, correcting CASE rule-ordering for canceled orders; reached a 98.37% match rate against a ≥95% target and flagged 1,618 exceptions (R$271,891 in flagged order value).
- Built a Power BI dashboard for match rate, exception mix, and financial exposure.

CEROP — Cross-Border Enterprise Risk & Operations Predictor — Graduate ML Project (AIT 506), 4-person team (project site) **2026**
- Team built two classifiers: supplier bankruptcy on 6,819 firms (3.2% positive class; XGBoost F1 0.529) and shipment delay on 171,962 DataCo orders enriched with the NY Fed GSCPI (Random Forest recall 0.825 at a calibrated 0.40 threshold).
- Owned the financial layer cleaning (sentinel-value tiers, capping rules); found and verified the Order Status target leakage in the operations data and audited the team's notebooks and numbers.
- Built the live demo: model export, scoring, SHAP explanations checked to reconcile with every score, and a React Risk Console; coordinated weekly deliverables and wrote the reports.

PUBLICATIONS

V.E.T. — Vendor Entity Threat Detection: AI data-fusion framework screening vendors against sanctions and financial-health signals, with a live-tested SEC EDGAR XBRL module. Working paper, 2026 (SSRN · ResearchGate)

A.C.E. — AI Concierge Engine: financial-intelligence framework for SME restaurants with human-in-the-loop governance (framework design stage). Working paper, 2026 (SSRN · ResearchGate)

RELEVANT EXPERIENCE

The Hut Group (THG) — Customer Service Advisor, International Markets, Northwich, UK **Jul 2022 – Jan 2024**
- Identified gaps in operations reporting and built Power BI dashboards on reviews, refunds, complaints, returns, and claims, used by Customer Service Managers for operational decisions.
- Traced recurring complaints to delivery-partner issues and recommended evaluating alternative logistics providers; built Excel reports adopted for escalation tracking across UK, EU, and Southeast Asia.

ASUSTeK Computer — Finance Manager, Bangkok, Thailand **Feb 2016 – Sep 2017**
- Automated recurring financial reports with Excel VBA, cutting preparation from 2–3 hours to about 30 minutes.
- Built forecasting models checked against prior-year actuals, improving budget accuracy by 15%.

ADDITIONAL EXPERIENCE

PPOR Capture Co., Ltd. — Business Advisor (Informal, Unpaid, Family Business), Bangkok **Jan 2024 – Aug 2025**
- Advised a family-run photography and media startup on pre-launch budgeting, cost planning, service pricing, and vendor options.

Intercultural Institute of California — Administrative Assistant, Finance & Operations (Part-Time), San Francisco, CA **May 2018 – Aug 2019**
- Maintained the general ledger in QuickBooks with data validation; documented SOPs for recurring finance tasks.

CERTIFICATIONS

Google Advanced Data Analytics Professional Certificate · Google Cloud Digital Leader · Business Intelligence & Tableau (CFI)