Weerawat Saelao

weerawat_s@outlook.co.th

Self-motivated data engineer with a passion for continuous learning and a proven ability to adapt in fast-paced environments. Committed to lifelong learning and self-improvement. leveraged six years of engineering design experience to develop strong analytical thinking and solution-oriented problem-solving skills. over two years of experience in data engineering, proficient in building ETL pipelines and managing data across Oracle, BigQuery, and other cloud-based data warehouses. Skilled in preparing multidimensional data for business reporting using SSRS and Power BI. experienced in optimizing performance for large-scale data workflows and implementing Apache Airflow to automate API integrations with cloud platforms.

Skills

Database Design, Development, and Reporting

Experienced in database/schema design, query tuning, index optimization, SQL development, troubleshooting locking and blocking issues, data analysis, custom reporting, and data visualization.

ETL/ELT Development

Proficient in designing data ingestion ETL/ELT processes between OLTP and OLAP systems, maintaining and monitoring systems for continuous operation, planning database system migration projects, and performing data cleansing.

Tools & Technologies

Airflow • AWS EC2 • AWS S3 • Azure BLob Storage/Data lake Gen2 • Azure Data Factory (ADF) • Azure Data Studio (ADS) • Azure SQL Database • Bigquery • Docker • Excel • Git • Google Cloud Storage • Linux • MySQL • Oracal • PostgreSQL • Postman • Power BI • PowerShell • Python • Snowflake • SQL Language • SQL Server • SQL Server Management Studio (SSMS) • SQL Server Reporting Services (SSRS) • VS Code • Web Scraping

Experience

AXONS

AXONS is a subsidiary of CPF that develops AgriTech information systems and software to support the IT systems of the agriculture and food industry, from upstream to downstream, including cultivation, animal husbandry, procurement, production, storage, transportation, and distribution channels.

Senior Data Engineer • Aug, 2023 – Present • 1 yr 9 mos

Responsible for overseeing the OLAP system within the Sales & Distribution (Supply Chain) department on BigQuery. Key responsibilities include gathering user requirements, designing and preparing ELT pipelines, developing reports and dashboards with Power BI based on OLTP systems related to supply planning, and providing consultation, coaching, and guidance to sub-teams. Also act as a technical support resource, offering recommendations on new technologies, techniques, and relevant use cases to the Sales & Distribution team.

Siam Validus CAPITAL CO., LTD

Siam Validus is a joint venture between the Validus Group and SCG Distribution, providing a crowdfunding platform that enables SME businesses in Thailand to access capital more easily. The company leverages data-driven technologies to assess creditworthiness and offers innovative investment opportunities to investors. Siam Validus is licensed by the Securities and Exchange Commission of Thailand (SEC).

Data Engineer • Oct, 2022 – Aug, 2023 • 11 mos

Managed company-wide data infrastructure on MySQL hosted on AWS EC2, including critical datasets such as borrower profiles, lender records, credit scores, and more. Improved and maintained ETL processes previously developed by partner companies, while integrating OLTP data from Salesforce. Designed and implemented end-to-end ETL pipelines for new partner integrations, developed curated and data mart layers, and performed data cleansing and transformation to support business reporting and analytics needs.

- Designed and developed a Customer Data Integration (CDI) system aggregating data from Salesforce and partner platforms.
- Migrated core databases from MySQL to Snowflake to enhance scalability and performance.
- Built ETL pipelines using Airflow, DBT, and Dagster for automation and data lineage tracking.

- Developed the Curated Layer and Data Marts Layer to support advanced analytics and business intelligence.
- Performed extensive data cleansing to ensure data quality and consistency across systems.
- Engineered ETL processes for new partners, such as FINNOMENA and Lalamove.
- Developed ETL pipelines for processing data received from previous partners, such as SCG.

Yip In Tsoi Co.,LTD

Yip In Tsoi is a full-service IT systems integrator and data consultancy, delivering solutions to major organizations in both public and private sectors, including industries such as banking, insurance, and more.

Data Engineer • Mar, 2022 – Sep, 2022 • 7 mos

Contributed to the development of ETL workflows using Microsoft SSIS, collaborated on the design of data quality frameworks on Oracle databases, and created business intelligence reports and dashboards using SSRS and Power BI for the banking sector.

- Developed and optimized PL/SQL procedures to support batch execution in the data quality system.
- Configured data validation rules within the data quality framework to align with business logic and data integrity requirements.
- Designed and prepared reporting tables to support downstream analytics and reporting pipelines.
- Developed and optimized data quality reports using SQL Server Reporting Services (SSRS) and Power BI for visualization and stakeholder communication.

Recognition

DP-203 : Azure Data Engineer Associate

Microsoft • Certified 2024

DP-900 : Azure Data Fundamentals

Microsoft • Certified 2024

Apache Airflow 2 Fundamentals

Astronomer • Certified 2024

DAG Authoring for Apache Airflow 2

Astronomer • Certified 2024

Databricks Lakehouse Fundamentals

Databricks Academy Accreditation • Certified 2024

Education

Khon Kaen University

Environment Engineer (Bachelor of Engineering) • 2011 — 2015

Additional Links

- **LinkedIn**: weerawat
- **GitHub**: weerawat
- **Microsoft Learn**: weerawat