Weerawat Saelao

weerawat_s@outlook.co.th

Self-motivated data engineer with a strong penchant for learning and adapting quickly. Committed to lifelong learning and seeking opportunities for continuous self-development. With six years of engineering design experience, proficient in analyzing, comparing, and optimizing solutions. Possesses two years of experience as a data engineer, adept at managing data relationships, designing pipelines, and preparing data in Oracle,Bigquery and other data warehouses for reporting using SSRS and Power BI with multi-dimensional data. Skilled in enhancing performance for large-scale data and implementing Airflow to connect APIs to cloud services.

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.

Data Engineer • Aug, 2023 – Present • 7 mos

Oversee the OLAP system in the Sales & Distribution (Supply Chain) department on BigQuery. Responsibilities include gathering user requirements, designing and preparing ELT pipelines using Pentaho, creating reports and dashboards using Power BI from the OLTP system on the supply planning side, and providing consultation, coaching, and supervision to sub-teams.

 ### Siam Validus CAPITAL CO., LTD

Siam Validus is a joint venture between the Validus Group and SCG Distribution, providing crowdfunding platforms for SME businesses in Thailand to access capital more easily. They utilize data technology to assess credit and introduce new investment models to investors who see business opportunities. They are licensed by the Securities and Exchange Commission of Thailand (SEC).

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

Managed all data in OLAP in MySQL on AWS EC2, including borrower information, lender information, credit scores, and others. Improved ETL processing systems from the previous partner company and OLTP from Salesforce. Designed and developed ETL processing from new partner companies, Curated Layer, data cleansing, and data preparation for reports and dashboards for Data Analytics according to business requirements.

- Design and Develope Customer Data Integration System (CDI) from partner company and Salesforce
- Migration MySQL to Snowflake
- Design and Develope ETL system with Airflow,DBT,Dagster
- develop the Curated Layer and Data Marts Layer
- data cleansing
- ETL Process for new partner companies (ex. FINNOMENA , lalamove)
- ETL processing systems from our previous partner company (ex. SCG)

Yip In Tsoi Co.,LTD

YIP IN TSOI operates as a full-service IT systems and computer business, providing SI (Systems Integrator) and Data Consultant services to large organizations in both public and private sectors across various industries such as insurance, banking, and others.

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

Involved in developing ETL processing using SSIS, collaborating on framework development and data quality systems on Oracle, and creating reports using SQL Server Reporting Services (SSRS) and dashboards using Power BI for banking business groups.

- Developed and Optimized PL/SQL procedure for data quality systems batch exec process.
- Set up data validate config in data quality process to align with business data condition
- Designed report table, Prepared data to report table.
- Optimized and Designed data quality report by SSRS, Power BI.

Meinhardt (Thailand) ,Ltd

Meinhardt operates as an engineering consultancy services in Civil, Structural, Mechanical, Electrical, Plumbing, Project Management, Construction Management, Environmentally Sustainable Design, Transport Planning, Façade Design, Lighting Design, Building Information Modeling, Infrastructure, and Smart Buildings.

Sanitary Engineer • Aug, 2015 – Jun, 2021 • 5 yrs 11 mos

Designed building systems (Water Supply System, Sewage System, Wastewater Treatment System, Swimming Pool System, Fire Protection System) for the assigned project., Coordinated engineering information for the assigned project., Controlled the quality of drawings for permission, biding, and construction, with the Auto-cad and Revit program., Consulted and solved engineering problems on the construction site.

Recognition

DP-900 : Azure Data Fundamentals

Microsoft • Certified 2024

Education

Khon Kaen University

Environment Engineer (Bachelor of Engineering) • 2011 — 2015

Additional Links

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