

## Personal Information

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## Education

2014 - 2018

College of Nanotechnology, King Mongkut's Institute of Technology Ladkrabang (KMITL)

## Skills

### Coding & DevTools

- Git, GitHub, GitLab
- Docker
- Python, SQL, JavaScript, HTML, CSS

### Data Integration & Transfer

- Apache Kafka
- Airbyte
- Secure File Transfer Protocol

### Frameworks & Data Processing

- Apache Airflow
- PySpark
- Flask / Quart

### Databases

- PostgreSQL
- MySQL
- Microsoft SQL Server

### Platforms

- Google Cloud
  - Compute Engine
  - Cloud Scheduler
  - Cloud Storage (GCS)
  - BigQuery
  - API Gateway
  - Tag Manager
- Huawei Cloud
  - Data Lake Insight (Spark-based platform)
  - Object Storage (OBS)
- DataHub
- Odoo, Salesforce, CDP (Customer Data Platform)
- JIRA

## Languages

- Thai
- English

## Work Experience

### Senior Data Engineer at *Siam Piwat*

July 2024 - Present

Senior Data Engineer with expertise in building end-to-end data pipelines, orchestrating workflows with Airflow and Airbyte, and leveraging PySpark and Kafka for large-scale batch processing across cloud platforms (GCP & Huawei).

#### Key Responsibilities

- Designed, implemented, and optimized end-to-end data pipelines using Airflow and Airbyte to ensure consistency, scalability, and data quality across platforms.
- Resolved data pipeline issues by identifying root causes, implementing fixes, and preventing recurrence, working closely with dashboard, analytics, and business teams.
- Developed ETL and ELT workflows using PySpark for large-scale batch processing and Apache Kafka for real-time streaming.
- Created curated and analytical tables based on user requirements, implementing Slowly Changing Dimensions (SCD) and data modeling techniques including star schema and Inmon approaches.
- Migrated and maintained Airflow DAGs to accommodate API changes across multiple versions, ensuring pipeline reliability and minimal downtime.
- Leveraged data integration tools such as Airbyte to ingest and store raw data as Parquet files in Huawei OBS and Google Cloud Storage (GCS).
- Documented business requirements and functional specifications, translating them into technical solutions using tools such as JIRA and Confluence.
- Ensured data quality and governance by implementing validation, monitoring, and alerting across data pipelines.
- Provided mentorship and support to team members and trained business users on effective data usage.
- Owned data projects end-to-end – from requirement gathering, design, and development to deployment, monitoring, and support.

### Solution Consultant/Data Analyst at *Mintelligence*

Dec 2022 - May 2024

Experienced in transformative data migration through API and sFTP methodologies, leading initiatives to enhance team performance and achieve cost-effective solutions through proficient use of Python scripting techniques and Looker Studio for data visualization.

#### Key Responsibilities

- Installation of web tracking SDK (JavaScript) on customers' web pages, integrated within Google Tag Manager, and hosted on Google Cloud Platform Firebase.
- Customized web push modals using external JavaScript and CSS.
- Developed web demos for both customer-facing interactions and internal use.
- Designed and deployed a microservice (Flask, Quart) for data filtering before storage in the main database. Utilized Google Cloud Platform services such as Cloud Functions, Cloud Run.
- Executed data cleansing using Python and SQL.
- Managed the migration of data from various environments, including raw data from files, to Google Cloud Platform BigQuery.
- Transitioned manual work processes to automated workflows.
- Data visualization by Lookers Studio for custom requirement excluded from standard CDP platform.

### Senior ERP Application Support and Business Support at *Trinity Roots*

May 2021 - Oct 2022

Conducting comprehensive business analysis, optimizing operational efficiency, and providing consulting services for change request of ERP system.

#### Key Responsibilities

- Collaborating with stakeholders to understand and address ERP system change requests.
- Leading customer training sessions to facilitate smooth implementation and maximize system utilization.
- Developing and documenting business requirements and functional specifications.
- Conducting data analysis to support decision-making and identify potential issues.

### Project/Product Coordinator at *Somerville (Siam) Limited*

Jan 2020 - Apr 2021

Experienced professional skilled in assessments, collaborative planning with design experts, and successful establishment of distinguished company brands for heightened market presence and recognition.