Thananon Chounudom
Backend & Data Engineering

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PROFILE

ASPIRING BACKEND DEVELOPER WITH HANDS-ON EXPERIENCE IN BUILDING RESTFUL APIS, REAL-TIME DATA SYSTEMS, AND CLOUD-BASED PIPELINES. PROFICIENT IN GO, PYTHON, SQL, AND GCP. PASSIONATE ABOUT CREATING SCALABLE SYSTEMS AND EAGER TO GROW IN A BACKEND OR DATA ENGINEERING ROLE.

STACK

Languages: Go, Python, SQL
Cloud Platforms: GCP, AWS

FRAMEWORKS / LIBRARIES:
- **FIBER**
- **NET/HTTP**
- **PANDAS**
- **PYSPARK**
- **SQLALCHEMY**

Tools:
- APACHE AIRFLOW
- GIT
- LOOKER STUDIO
- DOCKER (BASIC)

DATABASES:
- POSTGRESQL
- MYSQL

LANGUAGES

English (Fluent)
Thai (Native)

EXPERIENCES

Bioenergy Exchange Platform | Apr 2025 - Present
FullStack Developer Intern
- Developing and maintaining RESTful API endpoints for a bioenergy trading platform using Go and PostgreSQL
- Designing and optimizing SQL queries to retrieve market orders and trading statistics efficiently
- Integrating real-time currency conversion (THB/USD) to ensure accurate multi-currency trading data
- Implementing backend services for real-time data updates and dashboard visualizations
- Building APIs to calculate and expose carbon emission savings (monthly, yearly, total)
- Supporting multilingual backend functionality to serve both English and Thai user interfaces

EDUCATION

B.S. in Computer Science (Currently Enrolled)
Assumption University, Thailand
Expected Graduation: 2027

Studied B.S. in Management and Artificial Intelligence (2021–2023, Did not complete)
Kozminski University, Poland
• Completed coursework in AI, business analytics, and programming

GED – GENERAL EDUCATIONAL DEVELOPMENT
COMPLETED: 2021

SECONDARY SCHOOL
ST. PAUL'S SCHOOL, DARJEELING, INDIA (2017–2020)

PROJECT

ETL PIPELINE – REAL ESTATE DATA (PYTHON,GCP)
- BUILT AN END-TO-END PIPELINE WITH PYTHON, AIRFLOW, AND BIGQUERY
- AUTOMATED DATA LOADING AND VISUALIZED IN LOOKER STUDIO

CAR PRICE PREDICTION (R, ML PROJECT)
- ANALYZED HORSEPOWER VS CAR PRICE USING REGRESSION
- CLEANED DATA AND TRAINED A BASIC MODEL

FOR MORE PROJECTS: github.com/Thananontnc