

NEGAN NGUYEN

DATA ENGINEER

CONTACT

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TECHNOLOGIES

Languages

Python - 5/5 SQL - 5/5
Javascript - 3/5 R - 4/5

Databases

PostgreSQL - 5/5 MySQL - 4/5
BigQuery - 4/5 MongoDB - 3/5

Data pipelines

Airflow - 3/5 Apache Kafka - 3/5
Mage - 3/5

Cloud

AWS - 3/5 Google cloud - 3/5

DevOps

GitHub - 4/5 Ubuntu - 3/5
Docker - 3/5

Back-end frameworks

Django - 4/5 Flask - 3/5

Visualisations tools

Looker - 5/5 Redash - 5/5
PowerBI - 3/5 Streamlit - 3/5

Natural Language Processing

Fine-tuning LLMs - 3/5
NLTK - 4/5

EDUCATION

2023-2024

MSc Business Data Analytics

Expected: First Class Honours

Bangor University

2014-2018

BSc Management Information System

Viet Nam National University

First Class Honours

CERTIFICATIONS

Google cloud - Smart Analytics, Machine Learning, and AI on Google Cloud 2023
Django back-end - Advanced 2023
Google Data Analytics 2022
Django back-end - Beginner 2022

WORK EXPERIENCE

Associate Data Analysis Manager

Tiki Corporation

Jan 2020 - Aug 2020

- Collaborated with the engineering team to build data warehouse for Supply Chain handle 3TB/day and inventory data-mart with 8 millions SKUs.
- Implemented optimization projects to bring shorter click to delivery lead-time at lower cost (Cost per Order -33.4%).
- Applied process improvement analysis to decrease the cancellation rate from 11% to 7%.
- Detected outlier in product dimension to reduce product dimension error (from 24% to 8%) and create warehouse heatmap for 2 mils Items.
- Led and delegated tasks to a Supply Chain Analysis Team with five team members.

Key Achievements and skills:

- Released successful data warehouse on Bigquery and dashboard system using open-source Redash.
- Improved four main skills including: Leadership, Communication, and Customer-centric mindset, working Cross-level.

Data Analyst Team-leader

Tiki Corporation

Mar 2019 - Jan 2020

- Provided data, reports, and analysis for 11 warehouse managers and BODs.
- Produced and improvements report systems on Redash and hourly warehouse reports send to telegram using python.
- Restructured, documented and maintained team documents both supply chain process and data modeling.

Key Achievements and skills:

- Achieved a top employee performance and promote to cross level in 2019.
- Introduced a data-driven mindset to improve Business and Operation.

Business Intelligence developer

TGA. Ltd

Aug 2017 - Feb 2019

- Initiated a reporting system, including reports and dashboard for four main department (finance, warehouse, purchase and BODs) and created APIs for CRM systems.
- Managed, maintained and built a replicated databases, including (Odoo ERP database, web database, microsite database).

Key Achievements and skills:

- Developed technical skill in programing and data modelling (PHP, Javascript, SQL).

PROJECTS

Property Management APIs (Freelancer)

Jan 2023 - Mar 2023

- Developed back-end APIs for Property Management platform include: Authentication, background check (connect with third party), CRUD for property, profile, tenant, upload image using S3 storage.

Game Data Warehouse (Freelancer)

Aug 2020 - Dec 2022

- Designed data warehouse solution handle 2TB/day on Google Cloud Platform(GCP).
- Constructed a hourly update data-mart for the game company including: NRU, NPU, CCU, Revenue by Bigquery.

NASDAQ Data Pipeline (Practice project)

Aug 2023 - Sep 2023

- Authored automated data pipeline to extract NASDAQ stock data from RapidAPI. Built pipeline and Streamlit dashboard auto update 1/day into data warehouse.