

NEGAN NGUYEN

DATA ENGINEER

CONTACT

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TECHNOLOGIES

Programming languages

Python - 5/5 SQL - 5/5
Javascript - 3/5 C# - 3/5

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

BEC Management Information System

Viet Nam National University

First Class Honours

CERTIFICATIONS

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

WORK EXPERIENCE

Associate Data Analytics Manager

Tiki Corporation

Jan 2020 - Aug 2020

- Collaborated with the engineering team to build and test data warehouse for Supply Chain handling 3TB/day and inventory data-mart with 8 million items.
- Implemented innovation optimisation projects to bring shorter click-to-delivery lead-time at a lower cost (cost per order -33.4%) and better customer experience.
- 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 created warehouse heatmap for 2 million Items.
- Led and delegated tasks to the supply chain analysis team with five team members and maintained data quality.

Key Achievements and skills:

- Released a 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 sent to telegram using python.
- Restructured, documented, and maintained team documentation for both supply chain processes and data modeling.

Key Achievements and skills:

- Achieved a top employee performance and promote to cross level in 2019.
- Introduced a data-driven mindset and digital transformation 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 skills in programming, software development, and understanding data modeling and data architecture (PHP, SQL).

PROJECTS

Property Management API (Freelancer)

Jan 2023 - Mar 2023

- Developed back-end APIs for Property Management application include: Authentication, background check (Banking history, credit rating, criminal history), CRUD for property, payment, 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

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