

## CHINCHON NA

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### Work Experience

#### ExpressVPN

Senior Data Engineer

Singapore  
2022 - present

- Implement open-source dbt (data build tool) as the data transformation solution replacing parts of the original data pipelines written in Airflow dags
- Deploy a one-stop data platform website housing the metadata of all our data assets, catering the data discovery needs across the entire company

#### Ninja Van Logistics

Regional Analytics Engineering Manager

Singapore  
2020 - 2022

- Built a web app using Python and Flask which become the performance management platform of the company
- Manage and maintain the company primary data visualization platform which is an instance of Metabase
- Analyze and optimize Presto SQL queries to avoid incurring unnecessary cloud computing costs
- Write and document reusable data models and maintain them as the single source of truth

Regional Senior Data Analyst / Data Engineer

2018 - 2020

- Created and maintained data ETL pipelines for the company data warehouse and automated tasks with Airflow
- Migrated data processes onto big data infrastructure on Google Cloud Platform
- Programmed in Spark and Hive to source data and populate data lake in parquet format
- Enabled near real time data by leveraging on Kafka and Spark Structured Streaming
- Managed and promoted the use of Presto as our new scalable OLAP data warehouse
- Performed data analysis and presented findings on data visualization tools such as Periscope and Metabase

#### Lazada Group (Alibaba Group)

Business Intelligence Senior Analyst

Kuala Lumpur, Malaysia  
2016 - 2018

- Participated in developing the real-time tracking website for Lazada's logistics arm by building and deploying a MySQL database in AWS. Subsequently consulted on its roll-out to other Lazada ventures all across Southeast Asia
- Built, hosted and maintained a small database on a local machine to store package data and compute delivery costs based on fulfillment type which aided cost accrual and billing processes required by the finance department
- Consolidated the data flow for the merchant billing process from multiple Alteryx workflows and manual mapping files into a single SQL script, reducing calculation time by 88% to half an hour with improved accuracy, reducing error-related reimbursements
- Deployed and administered a Django SQL Explorer tool internally in which colleagues across departments can run and extracted data independently

#### PricewaterhouseCoopers (PwC)

Forensic Technology Associate, Consulting Services

Kuala Lumpur, Malaysia  
2014 - 2015

- ETL client data into a secure in-house MySQL server to perform tests and analysis with the goals of detecting and investigating signs of fraudulent activities within the client's operations
- Utilized VBA to automate manual and repetitive tasks such as standardizing report formatting in Microsoft Excel with the added benefit of eliminating manual input errors and significantly reducing man-hours required
- Built interactive dashboards using Tableau Desktop to present to the clients with our findings which often are new information that was only discovered by leveraging on data analytics

### Education

#### University of Washington

B.S. Mechanical Engineering, Minor in Mathematics

Seattle, Washington, USA  
2010 - 2014

- Fully funded Scholarship, 8 times Quarterly Dean's List, 2 times Annual Dean's List
- Malaysian Student Association, UW Husky Badminton Club, Tzu Chi Foundation

#### Jit Sin High School

Malaysian Certificate of Education (SPM): Straight A1s, 99th percentile equivalent

Bukit Mertajam, Penang, Malaysia  
2004 - 2008

- Royal Police Cadets - Vice President (2007-2008), Winner of the 2006 National Cadet Championships

### Skills and Interests

**Technology** Python, SQL, dbt, Terraform, Unix shell, Git, Airflow, Spark, Hive, Presto, AWS, GCP, Metabase, Tableau  
**Languages** English, Chinese, Malay, Cantonese and Hokkien  
**Interests** Learning, hiking, finance, history etc.