

Viet Anh Phung

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Professional Summary

A motivated, eager-to-learn recent graduate seeking a Data and Software Engineer position, I am skilled in developing and testing software and automated ETL data pipelines. Possess great technical and non-technical communication skills

Personal Projects

Project Caerus - End-to-End Full-Stack Interactive LMIA Distribution Map

- Collect data from canada.ca Rest API, handled, transformed, formatted XML, CVS data and loaded to MySQL on remote server, followed Agile methodologies, closely monitored by a mentor
- Used collected data, transform and update geographical coordinate data with google maps API to create an interactive map of Canada featured the distribution trends of LMIA results
- Implemented filter features to improve data analyzation and simplified Bash Commands using Make
- Set up reverse Proxy as a security feature to hide IP address of backend server
- Skills and Technologies: **Python, MySQL, SSH, Docker, Plotly, Pandas, Ubuntu, Linux Server, Nginx, Flask, RestAPI, GitHub**

Project Icarus - Automated Analytic Pipeline System for Air Crash Investigation on AWS

- Fetched and transformed web-scraped data to store in database, visualize past air crash incidents
- Fully automated Data Pipeline, infrastructures build with Terraform (IaC), orchestrated with Airflow, containerized with Docker, and secured using AWS policies(IAM, secret management, etc.), ready to connected to PowerBi
- Simplified Bash Commands using Make
- Skills and Technologies: **Python, SQL, AWS S3, AWS Redshift database, Terraform, AirFlow, Docker, BeautifulSoup, Pandas, Make, GitHub, Bash**

Project Sunraise - Front-end ReactJS Restaurant Website

- Fully responsive with animation and effects
 - Skills and Technologies: **HTML, CSS, JavaScript, ReactJS, React Hooks, and other libraries**
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Education and Certifications

Bachelor of Computer Science (Honors) - Toronto Metropolitan University June 2018 - June 2022

- Graduated with Distinction
- Dean's list 2018, 2019, 2020 - Renewable entrance scholarships 2018, 2019, 2020

AWS Cloud Practitioner Certificate June 2023

Professional Experience

Assistant Manager / Junior Sous Chef - Pho Rang Dong Oct 2023 - Aug 2024

Chef de Partie - Biff's Bistro Jan 2021 - Oct 2023

Shift Manager - McDonald's Jan 2019 - Jan 2021

Skills demonstrated: effective communication with stakeholders, problem-solving, teamwork, ability to learn quickly and independently, accountability