

Long Vuong

Full-stack Developer

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Summary

Former analytics developer turned full-stack developer with over 2 years' experience building robust, maintainable analytics solutions. Experienced in building and maintaining both frontend and backend systems. Seeking new opportunities to take on impactful problems with my experience in business settings and technical skills.

Technical Skills

Frontend: React, Material UI, Tailwind CSS, JavaScript, Typescript, jQuery, Bootstrap, HTML5/CSS3, Sass/SCSS

Backend: Flask, Python, Java, Node.js, REST API

Databases: SQL, PostgreSQL, Firebase, Firestore

Additional Tools: Git, Vite, GitHub Copilot, Netlify, PythonAnywhere, Google Tag Manager, Google Analytics 4

Experience

Analytics Developer at ClickInsight Corporation | Toronto, April 2022 – May 2024

- Developed web analytics tracking solutions using HTML5, CSS3, and JavaScript, optimizing for accuracy and maintainability, and extensively testing all solutions prior to and post-deployment.
- Led analytics platform migration for enterprise clients in response to legacy platform sunset, identifying and addressing adoption barriers to ensure a seamless transition and minimized disruption to analytics.
- Refactored and fixed bugs in inherited tracking solutions to ensure up-to-date, accurate reporting.
- Integrated Google Tag Manager into clients' marketing stacks to streamline maintenance of analytics tracking, manage user permissions, and accelerate the timeline of future tracking updates.
- Authored and maintained documentation on tracking systems, client dependencies, and technical guidance on analytics for both internal and external use.
- Answered tracking-related inquiries from analysts and sales consultants, providing knowledge for analysts to tackle ongoing projects and for consultants to offer new solution packages.
- Diagnosed and provided technical support to clients through email and client-facing meetings, intaking complex issues to the Client Success team and escalating as needed.
- Mentored and provided further GA4/GTM technical training and guidance to junior team members.

Development Portfolio

Kandoban (portmanteau of “can do” and “Kanban”) | [Link to app](#) | [Link to GitHub repo](#)

React, Material UI, Tailwind CSS, Firebase, OAuth 2.0, Netlify

- A responsive, full-stack Kanban-style todo app that allow users to track recurring todos by changing a task's completion status. Firebase handles both data storage and OAuth 2.0 authentication with Google accounts, allowing seamless data syncing between a user's mobile and desktop devices.

Ontario Hydro Plan Comparison | [Link to app](#) | [Link to GitHub repo](#)

Flask, Python, SQLite, Pandas, JavaScript, Plotly, PythonAnywhere

- A full-stack application with a Flask back-end that visualizes the daily cost of Ontario energy plans based on the user's real usage data for budget planning purposes. XML data is submitted to a Flask-based REST API, processed and transformed with Pandas, and rendered with interactive Plotly graphs.

YouTube Stats Collector | [Link to app](#) | [Link to GitHub repo](#)

Flask, Python, JavaScript, YouTube API, PythonAnywhere

- A full-stack application with a Flask back-end to automate video metrics collection from YouTube channels or playlists for data analysis. Users submit YouTube URLs to a Flask REST API, which extracts video data via the YouTube API and structures it into a downloadable CSV file.

MeetUp Past Events Scraper | [Link to GitHub repo](#) (in progress)

Python, Selenium, BeautifulSoup4 (BS4), PostgreSQL, Psycopg

- An app that allows users to scrape event data from all past events of a Meetup group without using Meetup's paid API. Data collection and scraping are automated in Python using Selenium and BeautifulSoup (BS4). The scraped event data is written from Python to PostgreSQL using Psycopg, ensuring persistence and enabling data integrity tests.

Education

Juno College of Technology | Web Development Immersive Bootcamp, 2021 - 2022

University of Toronto | Honours Bachelor of Science, Double Majors in Statistics and Human Biology, 2015 - 2020