

# Venus Vavadiya

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## Experience

### Founding Software Engineer

Neurelo

(Remote) Nov 2022 - Present

- Built various AI integrations in the product to generate schemas, queries, and APIs.
- Implemented a git-like versioning system in PostgreSQL to track the project's data definitions.
- Implemented branching, diffing, merging, and merge conflict resolution features for the above.
- Added 2-way syncing of the custom versioning system to work with the user's git repository.
- Built a robust migrations tracking system leveraging the principles of Event Sourcing.
- Added support to connect Data Sources and Managed Data Sources in Mongo Atlas and AWS RDS.
- Technologies: TS, Go, PostgreSQL, MongoDB, Node.js, Express, REST, GraphQL, React

### Software Engineer

pesto.app

(Remote) Mar 2022 - Sep 2022

- Pesto was a digital workspace platform for remote teams.
- Revamped the primary view of the web app, featuring the digital office UI.
- Integrated Segment analytics in the mobile apps to measure user engagement and behavior.
- Took ownership of developing and deploying the iOS and Android app.
- Technologies: TS, React, React Native, GraphQL, Express, Node.js, PostgreSQL.

### Software Engineer

Freelance

(Remote) Aug 2021 - Feb 2022

- Built a data aggregation tool for diamond listings used by a brokerage firm.
- Built a 10K NFT collection project for a client.
- Managed over 200,000 image layers to generate unique traits and compile final artwork.
- Implemented DDD, CQRS, and Event Sourcing architecture with GraphQL API.
- Used microservices architecture for concerns like blockchain, inventory, payment, etc.
- Published packages to npm for common abstractions.
- Technologies: TS, Vue, GraphQL, NestJS, EventStoreDB, MongoDB.

### Application Developer

FarmLink Marketing Solutions, Winnipeg

(Remote) Jul 2020 - Apr 2021

- Designed and implemented the in-app analytics dashboard.
- Integrated TinyMCE editor to facilitate CMS capabilities.
- Enhanced developer experience by modularizing the frontend and implementing build pipelines.
- Participated in hiring and onboarding of interns and developers.
- Technologies: JS, Vue, REST, Django, Python, MySQL.

## Software Developer

Ideal Fine Cars, Toronto

Jan 2019 - May 2020

- Designed and built an internal real-time dashboard to track approximately 1,000 auctions per week.
- Developed a full-stack web application for the Car Dealership.
- Developed the backend REST APIs using Python Flask and MongoDB.
- Automated automotive data collection using Python-based scraping tools.
- Technologies: Python, Flask, MongoDB, Vue, React, Tailwind CSS

## Technical Systems Analyst Co-op

RBC, Toronto

Sep 2018 - Dec 2018

- Verified the data and documentation of web services across teams.
- Built a proof of concept of an internal application to manage test data.
- Technologies: Express, T-SQL, Angular

## Software Developer (Part-Time)

Derman Inc., Toronto

Feb 2018 - Aug 2018

- Collaborated with a small team to build an MVP.
- Technologies: Laravel, MySQL, Bootstrap, Vue, Laravel Forge

## Programmer Co-op

Renegade Digital Media Inc., Barrie

Sep 2017 - Dec 2017

- Built the frontend in Bootstrap following the designs provided.
- Contributed to the company by earning a Veeva certification.
- Technologies: Symfony, MySQL, React

## Technical Skills

Concepts	OOP, Functional, MVC, CQRS, EventSourcing, DDD, Microservices
Languages	JavaScript, TypeScript, PHP, SQL, HTML, CSS, Python
Others	GraphQL, REST, React, React Native, SolidJS, Svelte, Vue, Express, NextJS, NestJS, Jest, Nx, Flask, FastAPI, Django, Firebase, Supabase, MongoDB, EventStoreDB, Docker, Tailwind CSS, Vuetify, MUI, Figma