Venus Vavadiya

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Experience

Lead Software Developer

Self Employed   *Aug 2021 - Present*

- Developing a 10000 NFT collection project with friends to learn about blockchain and crypto.
- Used DDD, CQRS and EventSourcing for core logic. GraphQL for real-time features.
- Used microservices for blockchain, shopping, image processing functionalities.
- Wrote various automation scripts in Python to generate 200K+ images.
- Built two open-source npm packages for code reusability.
- Hired and managed contract developers to develop independent parts of the project.
- Technologies: TS, Python, NestJS, EventStoreDB, MongoDB, GraphQL, Vue, Vuetify, Strapi CMS

Application Developer

FarmLink Marketing Solutions, Winnipeg   *Jul 2020 - Apr 2021*

- Designed and implemented the in-app analytics dashboard.
- Added feature to write in rich text using TinyMCE to improve UX.
- Refactored the front-end in multiple reusable components using Vue.
- Participated in the hiring and onboarding of new developers.
- Technologies: Python, Django, MySQL, Vue, Vuetify

Software Developer

Ideal Fine Cars, Toronto   *Jan 2019 - May 2020*

- Designed and built an internal real-time dashboard to track approx 1000 auctions/week.
- Built inventory website for the Car dealership that auto-updates by scraping Autotrader.
- Developed the backend APIs using Python and MongoDB.
- Developed various scraping tools and collected automotive data using Python.
- 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.
- Created and documented stored procedures for the backup and restoration of test data.
- Technologies: Express, T-SQL, Angular

Software Developer (Part-Time)

Derman Inc., Toronto   *Feb 2018 - Aug 2018*

- Built an MVP with friends.
- Technologies: Laravel, MySQL, Bootstrap, Vue, Laravel Forge

Programmer Co-op

Renegade Digital Media Inc., Barrie   *Sep 2017 - Dec 2017*

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

Projects

TicksBook

Open Source

- Developing an app to track my group's options portfolio.
- It uses DDD, CQRS, and EventSourcing concepts for the core domain.
- Technologies: TypeScript, NestJS, EventStoreDB, MongoDB, Vue, Vuetify, Heroku, Vercel
- GitHub Repositories: [Vue Client](#) and [Nest API](#)

NPM Packages

Open Source

- Developed two packages to reuse code across my projects. It is an NX monorepo.
- [pl-oss/core](#): contains classes for shared things like Aggregate, Auth, Payments.
- [pl-oss/adapter](#): contains various implementations of the core classes of pl-oss/core.
- Technologies: Nx, TypeScript, NestJS

Technical Skills

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

Education

Computer Programmer Diploma

Georgian College, Barrie   *Jan 2017 - Dec 2018*

I learned HTML, CSS, JavaScript, PHP, Java, C# and much more. I led team projects and presentations. One such example is the SDLC drama we performed which was recognized as one of the best.