ANSON YUEN

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SKILLS

Languages: Typescript, Python, C++, SQL, HTML/CSS
Tools: React, Vue.js, GraphQL, Redux, Node.js, AWS S3 & Lambda, Flask, Django, Docker, Kubernetes, Git, PostgreSQL, MySQL

EDUCATION

University of Waterloo   Sep 2020 - Apr 2025
Bachelors of Computer Science, President's Scholarship of Distinction   *Waterloo, ON*
Faculty GPA: 3.900

EXPERIENCE

Software Engineer @ Citylitics   Sep 2022 - Dec 2022
Software Engineer   *Toronto, ON*

- Did lots of cool stuff

- did even more cool stuff

LCBO | Next   Jan 2022 - Apr 2022
Full Stack Developer   *Toronto, ON*

- Built a responsive interface with Typescript and React to let the flagship LCBO Store modify and override any digital item tags. Modified the Flask API to include new endpoints for form requests and new SQL queries.

- Optimized the LCBO | Next backend API by processing data pre-request vs post-request, implementing the detection of delta differences in data to greatly minimize unnecessary PostgreSQL upsert calls. Deployed to Kubernetes for high availability.

- Implemented an automated XLS parser in Python to deprecate the previous PDF parser, significantly reducing parsing errors, and deployed to a Kubernetes cluster with a cronjob.

- Developed projects within the development pipeline from start to finish, discussing problems with stakeholders from within and outside the company, creating solutions before deploying and implementing any additional feature requests.

HealthConnex Incorperated   May 2021 - Dec 2021
Junior Software Developer   *Toronto, ON*

- Implemented playback capabilities of the IPAC floor map module, displaying snapshots on a timeline to identify the progression of infection outbreaks using Vue.js and Element UI

- Added Typescript compatibility to existing enterprise project, replacing legacy customized webpack configurations with modern Vue CLI.

- Created E2E and integration tests using Playwright to run automated tests during deployment

- Developed API endpoints to generate pdf reports with dynamic data and templates using AWS S3 & Lambda, Serverless Framework and Express

PROJECTS

PricePal | *React, Typescript*   pricepal.app
Produced mock-ups in Figma before bringing them to life in the front-end UI of PricePal, an app for tracking debt within groups using Next.js. Planned and implemented the back-end architecture using GraphQL endpoints, incorporating Mongoose functions to optimize GraphQL object returns.

Food Experiences | *React, Express, Mongoose*   food-experiences.netlify.app
Created a web application for tracking preferred food locations using React, Express, and Mongoose

INTERESTS

Cooking · Martial Arts · Novel Experience · Working Out · Planning Social Events