

Education

Bachelor of Science, Computing Science

Sep 2020 - Sep 2024

Simon Fraser University – Burnaby, BC.

Courses in 2023 Spring term: Introduction to Software Engineering, Introduction to Computer Systems, Data Communications and Networking, Applied Linear Algebra.

Fullstack web development bootcamp

May 2022 – Nov 2022

Mark2Win IT Solution – Toronto, ON

Skills

Programming language: JavaScript / TypeScript, Java, C/C++, PHP, MySQL

Technologies: React/Redux/Hook, Express/Node.js, JWT, TypeORM, jQuery, Restful API, Jest

Other: Material UI, Bootstrap, Postman, GitHub, GitLab, Linus, JIRA

Projects Experience

eCommerce online shopping mall (Bootcamp Project) – [GitLab](#)

May 2022 – Nov 2022

React/Redux, MUI, Express/Node.js, MySQL, JWT

- Created the Lululemon e-commerce platform SPA by using **React**, **React-Redux**, **Redux-Form**, with (**Express & NodeJS**) as REST API backend to talk to database (**MySQL**)
- Developed data driven dynamic applications for rendering full accessible user interfaces
- Followed **responsive and mobile first rules** to design layout and components by using **react** and **Material UI**
- Implemented the global filters components in both Front-end UI and backend logics
- Created various components and using **React Hook** and universal store using **Redux**
- Integrated online payment channel of **PayPal** and **Stripe** Restful API
- Designed and conducted the model, data migration, and seed data by using **TypeORM**
- Defined and implemented the system's routes and Restful APIs
- Implemented the RBAC (Role based access control), supported role and permission assignment and access
- Communicated with back-end such as search, get, post etc. using **Fetch** and **Axios**
- Integrated user management through **JWT token**

MyDashboard application (Side Project) – [GitLab](#)

Jan 2022 – Apr 2022

React/React Hooks, MUI, Beautiful Drag and Drop, day.js

- Developed a basic and functional dashboard that included a todo list and event scheduler by using **React**, **Material UI**.
- Implemented a drag and drop feature for the todo list by using the library of **Beautiful Drag and Drop**. and using local storage to store the data of the todo list and event scheduler.
- Created a calendar component from scratch by using **React**, **day.js** and **Material UI**. Implementing react hook **useContext** to control and manage the state of all components.

Vancouver Public Art Website (Internet Computing Technologies Class) – [Github](#)

Sep 2021 – Dec 2021

HTML/CSS, JavaScript, jQuery, PHP, MySQL

- Identifying new clients by utilizing market research data and system investigation report
- Translated the UI mockup to **HTML** and **CSS** with responsive layout
- Developed and designed the Vancouver Public Art website to promote the exploration of artworks throughout the city of Vancouver by implementing **HTML**, **CSS**, **JavaScript**, and **PHP**
- Designed and created relational databases and schemas for functionalities of login, comment, rating in **XAMPP** environment by using **MySQL**.

- Built a live searching function and filter function for users in the website to search different type artworks by implementing **jQuery**, **Ajax**, **PHP**, and **MySQL**

Other Experience

Volunteer / New Student Tax Return workshop (University of Manitoba)

Jan 2019 - Feb 2019

- Helped organize a tax return event for 2019 new students.
- Introduced upcoming events and direction for those who participated in the event.