

SANJE DIVAKARAN

(289) 987-6708
github.com/Sanje04
sanjedivakaran.com

EDUCATION

University of Waterloo
Economics
B.A.A. – Class of 2025

Scholarships
President's Scholarship

Relevant Courses
Linear Algebra (Engineering)
Calculus I & II (Engineering)
Advanced Calculus
Fundamental of Programming
Algorithm and Data Structure
Numerical Method

SKILLS

Languages

Java
Python
C++
JavaScript
Typescript
HTML
CSS
SQL

Frameworks

NodeJS
Express
React
Bootstrap
Python Flask
Axios
VueJS
Jest

Tools

AWS
Git
OracleDB
MongoDB
Object-Oriented Programming
RESTful APIs
Docker
Robo3T
Postman
Storybook

WORK EXPERIENCE

Bit Bakery

Software Developer

Kitchener, ON
May 2022 – August 2022

- Collaborated with web designers, back-end developers and UX designers to design, build and test and improve web products.
- Utilized Jest for unit testing

Ahead Simulation

Software Engineer

Cambridge, ON
September 2021 – December 2021

- Configured Nvidia Jetson Nano boards to host software and managed server with Docker
- Utilize Asana for Kanban to identify and address the most immediate issues that are required to further improve the software
- Assisted the product team in creating a 12-month software road map with key features and timelines to develop each highlighted.

ADP

Software Developer

Toronto, ON (Remote)
January 2021 – May 2021

- Developed and maintained an application that automatically synchronizes employee profile, compensation, and other pertinent information.
- Utilized a MERN full stack to develop the frontend, backend, database of the software.

PERSONAL PROJECTS

YouTube Player

March 2021 – April 2021

- Created a React app where the user can search up a video on YouTube and retrieve information on them by using Axios to fetch json object from YouTube API containing all the results matching the query.
- Returns 5 recommended videos based on the query. Clicking on the specific video displays the video and the description for the video.

Income Tax Tool

November 2020 – December 2020

- Navigates through list of transactions, by date, and computes the adjusted cost base (ACB) reporting for ETFs.
- Utilizes a variety of object-oriented programming principles. Implementation of several classes, instantiate of objects, operator overloads and linked lists. Developed using C++.

Personal Portfolio

October 2022

- Developed a website using ReactJS to display my experiences, projects, and skills.
- Utilized various CSS animations to enhance the software using React Bootstrap
- Hosted the web application using Netlify