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# Experience\_

Fortinet Inc. Vancouver, BC

Web Developer Intern

May 2022 - September 2022

- Improved the stability and performance of FortiOS, fixing over 30 bugs and increasing the speed of the web application by 10%.
- Modernized the codebase by adapting 3,000 lines of legacy AngularJS code to Angular using Linux, TypeScript, and JavaScript.
- · Acquired knowledge in networking, firewalls, and security, including TCP/IP, HTTP, SSL, encryption, and authentication.
- Contributed to the development of a product used by over 10 million users worldwide, demonstrating strong problem-solving skills and the ability to work effectively in a team.

**Royal Bank of Canada** 

Toronto, ON

Full Stack Developer Intern

September 2021 - May 2022

- Engineered an AutoML pipeline from scratch involving imputation, categorical encoding, feature engineering, model selection, and hyperparameter optimization using Python, Apache Spark, Apache Openshift, Kubernetes, and H2O.
- Developed and implemented a new method for integrating python libraries into Palantir Foundry, increasing efficiency by 30%.
- The model outperformed manually trained models by 10% in terms of accuracy and speed and an accuracy of over 95% on test data.
- Contributed to the development of a product used by hundreds of employees, improving their experience and helping to drive business value for the company.

#### **University of British Columbia**

Kelowna, BC

Research Assistant

January 2021 - May 2021

- Designed and developed a new UI for a team formation tool used by university professors at UBC, resulting in a 50% increase in user satisfaction and a 25% increase in user productivity.
- Collaborated with a team of 4 developers to revamp the UI, utilizing Django, JavaScript, and jQuery with Docker and Redis for efficient deployment and data management.
- Ensured adherence to strict WCAG guidelines for improved usability and accessibility, enabling the tool to support the needs of over 40 professors at UBC.

# **Technical Projects**

## Capstone Project | Full Stack Project

React, Redux, Node, Django, PostgreSQL, MongoDB, RabbitMQ, S3, Docker, Redis

- Established a firm that creates videos using ML models and posts them on a website similar to YouTube.
- · Architected a full-stack website using **React** and **Redux** on the frontend and **Node** and **Django** on the backend.
- Utilized **Amazon Web Services** (S3, Amplify) for video storage and hosting, and employed **MongoDB** and **PostgreSQL** as databases.
- · Implemented authentication and security using AuthO and JWT, ensuring the protection of user data and the website's integrity.
- Collaborated and coordinated with a client and a team of 4 engineers.

## Pokedex | React SPA

https://pokedexme.vercel.app/

React, Redux, Rest, Babel, Webpack

- Fetched and displayed data from a **REST API** (https://pokeapi.co/) using a frontend powered by **React**, while also integrating **Redux** for global state management and error handling.
- $\bullet \quad \text{Utilized } \textbf{Redux} \text{ for global state management and error handling, resulting in a more stable and user-friendly application.} \\$

#### Covid.army | Open Source

https://covid.army

Next.js, React, Tailwindcss

- · Contributed to the development of an open-source website dedicated to providing information on COVID-19 related resources in India.
- Utilized Next.js, React, and Tailwindcss to build a user-friendly and informative website.
- The website has been visited by over 4,000,000 people, making it a valuable resource for those seeking information on COVID-19 in India.

#### Skills

Languages

Python · JavaScript · TypeScript · Java · SQL · R

**Technologies** React · Angular · Redux · Express · Django · REST · Linux · Git · PostgreSQL · Docker · AWS · Sass · Firebase · Vim

## **Education**

#### **University of British Columbia**

Kelowna, BC

B.Sc. Computer Science September 2018 - April 2023

• 91.4% GPA

• Awards: International Major Entrance Scholarship worth \$100,000 · Outstanding International Student Scholarship · Dean's list - all years