

Professional Summary

I am a solution driven software engineer looking to contribute to company success and increase technical versatility through project involvement. I have full-stack experience in designing/implementing web-applications, have work experience in the field of application security, and have a portfolio of personal projects to showcase. My passion for technology and innovation allows me to be highly adaptable and learn quickly.

Skills and Education

Technologies: Angular, React, Node, Spring, jQuery, SQL/NoSQL, ASP.NET, AWS, Google Cloud, Docker, Jenkins, Azure

Languages: Java, JavaScript, Python, C#, C++, HTML/CSS

Certifications: AWS Cloud Practitioner, AWS Cloud Developer



SE at **Western University**

Bachelor of Eng. Sciences in Software Engineering

May 2019

Experience

Full Stack Engineer

Certn

Victoria BC

February 2021 - Present

- Lead developer on OneID project (biometric verification of candidate selfie and ID) which reduced manual verification workload by 15%.
- Implemented many frontend and backend features using Django Rest Framework and React.
- Worked in a fast-paced start-up environment and delivered critical tasks on time.
- Consistently migrated code to be more scalable and maintainable to support rapid company growth.

Backend Engineer

CPPIB

Toronto ON

June 2019 – Feb 2021

- Implemented company-wide feature that updates liquid asset positions with intraday trade data.
- Maintained and deployed features to several mission critical Java applications that were core to investment operations.
- Communicated directly with CPPIB investors to build several features based on complicated business requirements.
- Built rerunnable python application that seeds CPPIB reference data for new IBOR.

Technical Lead

Wisesheets

Toronto ON

Jan 2020 – Present

<https://wisesheets.io>

Seed funding in 2021

- Cofounder of finance utility that aims to optimize common day-to-day investor workflows.
- Implemented technical features based on business requirements on a sprint-by-sprint basis.
- Facilitated development operations and delivered weekly releases.
- Developed version for Google Sheets as well as an Excel add-in.
- Angular, Node, MySQL, AWS, Google API's, Office Add-ins.

AppSec Engineering Intern

AsTech (now Moss Adams)

San Francisco CA

Summer 2017, 2018

- Completed billable corporate source code reviews and produced vulnerability reports for client web applications.
- Assisted in development for automatic report generator and application security classes (Java).
- Assisted in development and unit test creation for a tool that automates the third-party library identification process (C#).

Projects

eMotional: *JavaScript, Keras, Flask* (*Capstone Most-Innovative Award*)

- Built an artificial neural network to classify .wav files as either happy, angry, neutral, or sad using only vocal analysis (NLP not used). Served the model via Flask API endpoint and created a beautiful UI that incorporates a live demo to demonstrate the model's capabilities.

Dolphin.io: *JavaScript, Python, Flask, Google Cloud, Mongo* (*Hackathon Winner*)

- Utilized data over sound techniques to create an application that can transfer funds without the need for any connection (WiFi, Bluetooth, NFC). Application acted as a fully functional e-wallet that addressed the problem of user payment being limited to the user's environment and device capabilities.