Harrison Fok

📞 647-618-0590

✈ harrison.fok@gmail.com
🐙 github.com/HarrisonFok
🌐 harrisonfok.github.io

Skills

Web Development
Frontend

React · Redux · Bootstrap · Tailwind · HTML5 + CSS3 + JavaScript · Vue.js · Nuxt.js · Socket.io

Backend

FastAPI · Node + Express · GraphQL · Spring · Go · Mongoose · MySQL · .NET C#

Programming/DevOps
Languages

Java + Android · Python

Libraries/Tools

OpenShift · Docker · Kubernetes · Harness · Pandas · Tkinter

Education

University of Toronto
Computer Science Specialist - Software Engineering Co-op | 2013 - 2021

Work

Citibank
09/2022 - Present | Production Support Analyst

- Handling two full-stack projects within engineering team for company-wide usage, with FastAPI and Node.js backend, React frontend, GraphQL, and best security practices such as IP Whitelisting
- Dockerized frontend and backend apps using internal base images for Kubernetes orchestration in the OpenShift infrastructure
- Set up project build using newly Citi-developed DevOps technology, in conjunction with Harness for efficient software delivery and deployment, adhering to the Microservices software architecture

Revature
04/2022 - Present | Software Developer

- Implemented the TravelAdvisory (group) project that determines whether a place is safe to travel based on covid status - https://github.com/HarrisonFok/TravelAdvisory
- Underwent 10 weeks of DevOps training on Docker, Kubernetes, Google Cloud, Java, Spring, and contracted to Citibank afterwards

University Health Network
01/2019 - 04/2019 | Software Developer (Co-op)

- Developed a full-stack Go web application using Blue Jay MVC in team setting, fulfilling client needs through feature implementation
- Migrated a huge amount of client data with more than 30 sections into the database of the web application

York Region District School Board
05/2017 - 08/2017 | Programmer (Co-op)

- Developed a web application using .NET C#, JavaScript, Bootstrap, jQuery, and Exchange server to extract daily Outlook appointments
- Developed a stored procedure to query all the IB students from multiple tables using SQL Server Reporting Services

Projects

Covid Tracker
02/2023 - 04/2023 (pause) | https://github.com/HarrisonFok/CovidTracker

- Developing a MERN (GraphQL) web app for the project idea
- Implemented Dockerfile and docker-compose.yml for both frontend and backend
- Set up pipeline using GitHub Actions so that it builds images on every push, and working on its Kubernetes deployment files

Magic Video
03/2020 - 04/2020 | https://github.com/HarrisonFok/project-team-pepega

- Developed a video editing web application using node-fluent ffmpeg
- Set up the initial code for the MERN stack web app for team
- Implemented desired features such as video transitional effects