Ray Bao, Software Developer

Ottawa, Ontario, Canada, 613-298-7995, ray6bao@gmail.com

LINKS

Personal Website, Linkedin, GitHub

PROFILE

Qualified Full Stack Developer familiar with a wide range of programming utilities and languages. Knowledgeable of backend and frontend development requirements as well as general purpose programming languages with basic knowledge of networking principles.

EMPLOYMENT HISTORY

Jan 2023 — Present

Fibre Designer, Glass Consulting Services
Ottawa, Ontario

Designed how fiber cables should be placed in Bell FDSAs. Built a company website to increase online presence and attract potential clients.

Accomplishments:

- Front-end development using HTML, CSS, and JS to create a visually appealing website for the company.
- Project planning and team coordination through a rigorous quality control process to design and issue Fiber Service Areas to Bell for construction.

Jun 2021 — Aug 2021

Future Tech Intern, Nokia
Ottawa, Ontario

Worked as a PHP developer alongside a network architect to automate testing for proof of concept network topologies on Nokia's SR Linux Network Operation System. Integrated a web application-based interface with the deployment of containerized network topologies.

Accomplishments:

- Created a user-friendly custom web interface for testing proof of concept network topologies.
- Employed basic understanding of IP networks and routing in order to build full and half mesh network topologies with virtual containerized SR Linux routers using Containerlab.
- Integrated containerlab with PHP to allow proof of concept network topologies to be more efficiently constructed and deployed from a web app-based GUI as opposed to the standard Containerlab CLI.

Jun 2020 — Jul 2020

Full Stack Web Developer (co-op), Digitera Interactive
Ottawa, Ontario

Integrated PayPal's REST API with a custom interface to enable PayPal subscription to Leadfeast.

Accomplishments:

- Completed a front-end interface design using HTML, JS, and CSS to improve user experience.
- Worked with an Apache Web Server on a XAMPP stack to integrate back-end PHP scripting and a MySQL database with PayPal's REST API to deliver a functioning subscription service.

EDUCATION

Sep 2022 — Present

Bachelor of Science, McGill University
Montreal, Quebec

Pursuing a major in Computer Science with a minor concentration in Economics.

Sep 2018 — May 2022

International Baccalaureate Diploma, Colonel By
Ottawa

SKILLS

Git	Experienced	MySQL	Skillful
Python	Experienced	React	Skillful
Java	Experienced	Node.js	Skillful
HTML/CSS/JavaScript	Experienced	C++	Skillful
PHP	Skillful	Linux	Skillful

COURSES

Jan 2023 — May 2023

Data Structures And Algorithms, McGill University

Sep 2023 — Dec 2023

Intro to Software Systems and Programming in C, McGill University