Chak Chik

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WORK EXPERIENCE

Software Engineer Intern
April. 2022 – Present

Jobber
Edmonton, Alberta

- Worked on Jobber, a **SaaS** platform subscribed by more than **40000+** businesses and **200k+** users.
- Modernized the company's mobile app production codebase to use **React Native** and **Ruby On Rails**.
- Implemented **GraphQL APIs**. Expanded API usages, capabilities and ensured robustness.

Full Stack Developer Intern
Jun. 2021 – Sep. 2021

KM.ON (Karl Mayer)
Vancouver, British Columbia(Remote)

- Developed performance critical **REST APIs** and **endpoints** with **Scala Play**.
- Built **microservices** for enterprise level web apps with **Scala Play**.
- Constructed the company's **identity access management** tool's login page with **Auth0** authentication APIs. Utilized React Redux for **JWT authentication** to protect **10000+** factory owners' data security.
- Utilized **Hibernate** to develop interactive usages of the **PostgreSQL** database. Developed **CSV validation functions** on the backend to ensure customer data integrity.
- Created a scalable **React.js** boilerplate application now used by engineering teams in 3 countries.

Freelance Web Developer
Jan. 2022 – Present

Self-employed
Vancouver, British Columbia(Remote)

- Built a fully responsive modern website for Vancouver Character Consulting with **React.js** and **TypeScript**.
- Led an open source project for researchers at UBC and BC Children's hospital to streamline the review of publications. Automated downloading articles from databases with APIs for **text mining** and **data analytics**.

TECHNICAL PROJECTS

Trip Planner (Sold to 123LoadBoard) | *React, Spring Boot, MySQL*

- **2nd place in McGill Code.Jam(XI)**, McGill University's largest annual hackathon.
- Web app that helps delivery drivers to choose the most profitable order to take, based on their location and time.
- Designed a **dynamic programming algorithm** to calculate the optimal result from **50000+** real data entries.

Hasty | *MERN Stack(React & Node.js), D3.js, Heroku, Netlify*

- Job search **data analytics** web app built with **React** and **Node.js**.
- Visualized and analyzed the user's job search data with **D3.js**.
- Developed **REST APIs** and the **web service** with **Node.js** and **Express**.
- Utilized **Mongoose** to develop interactive usages of the **MongoDB** database.

EDUCATION

University of British Columbia
Sep. 2021 – May. 2024

BSc in Computer Science(Co-op)
Vancouver, British Columbia

- Computer networking, Relational databases, Machine learning

McGill University
Sep. 2019 – Sep 2021

BSc in Honours Computer Science, cGPA: 3.94/4.0
Montreal, Quebec

- Faculty of Engineering Scholarship, McGill University, 2019 **(Top 10%)**
- Faculty of Engineering Dean's Honour List, McGill University, 2019
- Women Associates of McGill Scholarship (Sponsored by the Women Associates of McGill), 2019

TECHNICAL SKILLS

Languages: Java, Scala, JavaScript, PHP, Python, HTML/CSS, SQL, C, Bash
Frameworks/Tools: Play(Scala), Spring Boot(Java), Node.js, GraphQL, MongoDB, PostgreSQL, MySQL, React.js, Heroku, Netlify, Docker, Kubernetes, Figma, JUnit