

# Chak Chik

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## WORK EXPERIENCE

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### 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

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### 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

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### 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

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**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