Chak Chik

672-515-8101 | Jacksonchik01@hotmail.com | https://github.com/JacksonChik

WORK EXPERIENCE

Freelance Web Developer
Self-employed

Jan. 2022 – Present
Vancouver, British Columbia

- Designed and built a fully responsive modern website for an immigration & business consulting firm in Vancouver with **React.js**, **Redux** and **TypeScript**. Set up automatic deployment of the website on **Netlify**.
- Actively working on new contracts.

Full Stack Developer
KM.ON (Karl Mayer)

Jun. 2021 – Sep. 2021
Kwai Chung, Hong Kong

- Developed performance critical **REST APIs** and **endpoints** for enterprise level web apps with **Scala Play**.
- Constructed the company's **identity access management** tool(K.IAM)'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 from scratch, now used by KM.ON's engineering teams in Hong Kong, Germany, and India.
- Contributed **React.js** components to KM.ON's UI library, used in all KM.ON's projects.
- Implemented extensive **test suites** on the backend with **ScalaTest**, achieved a **90%+ test coverage**.
- Involved in **daily scrum and sprint planning meetings**.

TECHNICAL PROJECTS

Hasty | *MERN Stack(React & Node.js), D3.js, Heroku, Netlify*   veryhasty.netlify.app
- Job search **data analytics** web app built with **React** and **Node.js**.
- Visualized and analyzed the user's job search data with the help of **D3.js** on the **React** dashboard.
- Developed **REST APIs** and the **web service** with **Node.js** and **Express**.
- Utilized **Mongoose** to develop interactive usages of the **MongoDB** database.
- Set up **automated deployment** by connecting **Heroku** and the backend's GitHub repository. Manually deployed the frontend web app's production build on **Netlify**.

COVID Tracker | *PHP, Oracle*
- Web app built with **PHP**. Handled **HTTP requests** and the user's input.
- Organized relations between patients, their contacts, vaccine records and test results with queries using **Oracle**.

EDUCATION

University of British Columbia
BSc in Computer Science(Co-op)

Sep. 2021 – Sep. 2024
Vancouver, British Columbia

- Computer networking, Relational databases, Machine learning

McGill University
BSc in Honours Computer Science(Completed second year), cGPA: 3.94/4.0

Sep. 2019 – Sep 2021
Montreal, Quebec

Awards and Honours
- 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