

KYLE KIM

Software Developer/Technical Consultant

Contact

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Skills & Tools

PYTHON	Fluent
JAVA	Fluent
JAVASCRIPT	Proficient
VUEJS	Proficient
REACT NATIVE	Familiar

HTML/CSS	Proficient
GIT	Proficient
SHELL SCRIPT	Proficient
DOCKER	Familiar
MONGO DB	Familiar

Education

University of Toronto BSc

- Computer Science Specialist
- September 2015 – June 2020

Extra-Curricular Activity

- Member of University of Toronto Computer Science Union
- Member of University of Toronto Robot Association

Relevant Courses

- Software design
- Probability with computer applications
- Software tools & System programming
- Introduction to databases
- Programming on the web
- Algorithm design & Analysis

Languages

English	Fluent
Korean	Fluent

Professional Experience



Technical Consultant Modulus Data

2020 - Current

- Built over 21 Data Transfer integrations using Java Groovy to extract and transfer data from various system sources such as ADP, TBE, Workday and more using SFTP, REST and SOAP API.
- Worked with many well-established companies to streamline their data transfer process and drastically reduced the time required by eliminating the manual entry process without sacrificing data integrity.
- Balanced the workload and time between multiple clients simultaneously and effectively communicated with clients to understand their requirements.
- Researched various systems within the scope of the project, familiarized with popular human resource management systems such as ADP, TBE, Workday, NetSuite, their API capabilities and limitations to yield feasible solutions for the client.



Software Developer / Tech Support University of Toronto, E.J Pratt Library

2018 - 2019

- Using Python and PHP, implemented a PDF text query feature for the library website that returns the coordinates and the page number of all the instances of the queried text and the paragraph that contains the text within the PDF file.
- Created an isolated testing environment using VirtualBox for the library's digital asset management system to safely test and apply the changes without affecting the published system.
- Provided personalized support to the library visitors who experienced technical difficulties with the library's system.



Software Developer Intern IBM, Master Data Management

2014 - 2015

- Worked on a micro-service architecture based application to automate the testing and deployment of the MDM product based on user-configurable test scenarios.
- Implemented the backend of the application using REST API, Java, and MongoDB. Improved reliability and functionality of the backend.
- Worked on the frontend of the application using VueJS and Node.js. Improved the user experience and the functionality of the frontend of the application.
- Effectively communicated and collaborated with other colleagues as part of the SCRUM team.

Project Experience

Cyricept Solutions

- Founding member of a startup company that aims to predict and prevent cardiovascular diseases. Developed a cross-platform mobile application using React Native.

BANDROID

- Developed a web application that finds and buys tickets of nearby musical events using REST APIs, Mongo DB and Express.js.

MARK CALCULATOR

- Developed an Android app that collects students' received marks and calculated the mark that will be required to achieve a desired final grade.