





# Kabir Virji

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## WORK EXPERIENCE

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Faire

Toronto, ON

### **Software Engineer**

8/2021 - 11/2023

- Engineered high impact features across the stack at scale, using **Kotlin**, **MySQL**, and **Typescript** to deliver results
- Developed and led an initiative to detect counterfeit product images via machine learning on our e-commerce platform, resulting in a 33% improvement in counterfeit image detection
- Developed and led an initiative to auto-crop all our poorly performing product images at scale, increasing the company's global GMV by 5% overall
- Implemented pipelines using Kotlin, MySQL, and TypeScript for admins to review, and approve new sign-ups to our platform, resulting in an 80% decrease in fraudulent sign-ups

Flagship

Tokyo, JP

### **Software Engineer**

8/2018 - 6/2019

- Engineered several e-commerce web applications using **Node.js** and React.js, resulting in 2x the amount of repeat clients, and increasing client's revenue by an average of 50%
- Cut developer on-boarding time in half by writing **Python** scripts for internal development operations

Rakuten

Tokyo, JP

### **Software Engineering Intern**

5/2018 - 8/2018

- Leveraged PHP and React.js to develop a lottery web application used by 1,000,000+ daily active users

Curv

Toronto, ON

### **Software Engineering Intern**

5/2017 - 8/2017

- Developed a fitness-based, client-facing mobile app using **React Native**, resulting in a partnership with the NFL

LemonStand (Acquired by Mailchimp)

Vancouver, BC

### **Software Engineering Intern**

05/2016 - 05/2017

- Engineered a blog system for e-commerce themes using **JavaScript** that increased conversion rates by 22%

## PERSONAL PROJECTS

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Galactic HQ

11/2023 - Present

### **Python, PyTorch**

<https://notcomfycards.github.io/galactichq.html>

- Developing a Pokemon Trading Card Game simulator using machine learning for the purpose of AI coaching

Color Therapy

2020

### **React.js, Spotify API**

<https://github.com/kabirvirji/colorthrapy>

- Created a recommendation interface to generate personalized Spotify playlists using colors and emotions

Tokyo Toilets

2020

### **Node.js, React.js, MongoDB, Express**

<https://github.com/kabirvirji/tokyotoilets>

- Engineered a mobile-optimized web application to help tourists with accessibility needs locate toilets in Tokyo

Spoticlean

2020

### **Python**

<https://github.com/kabirvirji/spoticlean>

- Built a pip package to mass delete Spotify playlists using RegEx, resulting in over 1000 unique installs

## EDUCATION

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University of Toronto

Toronto, ON

### **Honours B.S. Computer Science Specialist**

Graduated: June 2021

- **Relevant coursework:** Software Design, Databases, Algorithms, Operating Systems, Computer Security

## TECHNICAL SKILLS

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Object Oriented Programming, Python, ES6, Java, Kotlin, React Native, MySQL, Git, Unix, Docker, CI/CD