

ROHAIL KABANI

SOFTWARE ENGINEER

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EXPERIENCE

Software Engineer Intern, Backend | **Shopify**

Jan 2019 – Apr 2019 // Waterloo, ON

- Prototyped, modeled, and developed the backend for Plus Product, a new Shopify platform targeted towards large-scale businesses, with **Ruby on Rails**
- Developed **GraphQL APIs** for user management, access, and permissions to expose data and methods to web/mobile clients
- Improved data load times by 20% through the implementation of caching, Sidekiq jobs, and optimizing **SQL** queries
- Built **React** components using TypeScript and React Hooks, along with Apollo Client to fetch data with GraphQL

Software Engineer Intern, Android | **Shopify**

May 2018 – Aug 2018 // Toronto, ON

- Android developer on the Payments and Hardware team responsible for maintaining and implementing new features for the **POS (Point of Sale)** app using **Kotlin**, **MVVM architecture**, and a variety of Android libraries
- Implemented and **shipped** tipping feature and functionality to over 100k merchants
- Developed a custom **WebSocket protocol** and **UI** components for the Customer View app, allowing merchants to turn any android device into a customer facing display for the POS app
- Reduced regression testing by 40% by writing unit and screenshot tests using Espresso, Mockito, and Testify

Software Developer Intern | **Toyota Inc.**

Jan 2017 – Apr 2017 // Toronto, ON

- Reduced resource misallocation by 25% by developing a resource management tool using **AngularJS** and **AJAX**, allowing managers to effectively manage tasks
- Created a local tablet app using PowerApps and the Google Charts API to improve communication between employees and the business
- Automated testing workflows with the use of batch/PowerShell **scripts**

Full Stack Developer | **PLADO Inc.**

Oct 2016 – Dec 2016 // Toronto, ON

- Developed a virtual secretary server using **Node.js** and the **Twilio API** to allow users to send a text describing their issue, and transfer it to its designated help receptionist
- Designed components of the company's website using JavaScript, jQuery, and CSS

PROJECTS

DIVIDE

- Payment splitting **Android** app allowing users to divide bills using Kotlin, LiveData, Picasso, and Apollo; employed **computer vision** to parse receipts with OpenCV
- Built a GraphQL back-end using Ruby on Rails, and MongoDB to service the app

ShopiWear

- Created an app for **WearOS** to allow users to see important analytics and orders from their Shopify store by using Apollo to fetch data from Shopify's GraphQL API

eDJ

- Created a web application using React, and Ruby on Rails, and the Spotify API to automate the processes and actions of a DJ

SKILLS

Languages

Java, Kotlin, Ruby, JavaScript/TypeScript, C/C++, Python, HTML/CSS

Frameworks & Libraries

Ruby on Rails, React, RxJava, Node.js, Koa, MongoDB, jQuery, Gatsby

Tools

Android Studios, GraphQL, Apollo, Adobe Photoshop, Git, GitHub, Bash

EDUCATION

University of Waterloo

Bachelor of Applied Science in Computer Engineering

2017 – 2022

President Scholarship of Distinction for average of 95+; Data Science Club Member; ECE Society; UW Tennis

ONLINE COURSES

Server Side Development

Coursera

Intensive online course on back-end development using JavaScript

Android Bootcamp

Udemy

Online course on Android development using Android Studios, and Java

INTERESTS

- Tennis
- Mobile development
- Human Computer Interaction
- NLP