

# ROHAIL KABANI

## SOFTWARE ENGINEER

@rohail.kabani@gmail.com   [rohailkabani.com](https://rohailkabani.com)   [github.com/rkabani19](https://github.com/rkabani19)   [linkedin.com/in/rohailk](https://linkedin.com/in/rohailk)   669-268-4622

## EDUCATION

**Bachelor of Applied Science in Computer Engineering**  
**University of Waterloo**  
2017 - 2022

## SKILLS

**Languages:** Java, Ruby, Go, JavaScript/TypeScript, Kotlin, C/C++  
**Frameworks/Libraries:** Ruby on Rails, React, Node.js, Flask, Redux  
**Tools:** GraphQL, Apollo, Android, MySQL, PostgreSQL

## EXPERIENCE

**Software Engineer Intern | Github** San Francisco, May - Aug 2020  
• Incoming summer intern at Github

**Software Engineer Intern, Full Stack | Globality** Menlo Park, Sept - Dec 2019  
• Implemented several new REST endpoints, and event handlers across different backend microservices in Flask (Python), to service new features for the platform  
• Linked the backend and frontend together in the GraphQL gateway layer using Node.js, to ensure more robust querying and communication  
• Engineered and maintained major features and UI components of Globality's customer-facing web app using React, GraphQL, Redux, and Apollo

**Software Engineer Intern, Backend | Shopify** Waterloo, Jan - Apr 2019  
• Prototyped, modeled, and developed the backend for Shopify Plus, 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

**Software Engineer Intern, Android | Shopify** Toronto, May - Aug 2018  
• Implemented new features for the Point of Sale (POS) app using Kotlin, MVVM, and a variety of Android libraries  
• Shipped new 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  
• Reduced regression testing by 40% by writing unit and screenshot tests using Espresso, Mockito, and Testify

## PROJECTS

**TODO to Issue Generator**  
• A command line interface (CLI) for converting TODO's in your repositories to Github issue using Golang and Github GraphQL API

**DIVIDE - Android**  
• Payment splitting Android app allowing users to divide bills using Kotlin and the Android SDK  
• Built a GraphQL back-end using Ruby on Rails, and MongoDB to service the app

**XY Axis Motion Control**  
• An embedded systems project for a two-axis precision control system written in C++, and using the TI MSP430 microcontroller  
• Designed a custom PCB to connect the variety of hardware and mechanical parts