

# Rohail Kabani

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## EDUCATION

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### University of Waterloo

Bachelor of Applied Science in Computer Engineering; 3.91 GPA

September 2017 – April 2022

## SKILLS

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**Languages:** Go, Ruby, JavaScript/TypeScript, Java, Python, C/C++, Kotlin

**Frameworks/Libraries:** Ruby on Rails, React, Node.js, Flask, Redux

**Tools:** GraphQL, REST, Apollo, Android, MySQL, PostgreSQL

## EXPERIENCE

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### GitHub

Software Engineer Intern - Actions and Enterprise Server

San Francisco, CA

June – August 2020

- Worked cross-functionally to develop new features for GitHub Actions and run E2E tests against the Actions platform
- Enhanced performance of GitHub's ChatOps RPC by 40% using Go to concurrently execute independent workflows
- Deployed a backend service to automate the process of launching GHE clusters on AWS, saving hours of setup
- Decreased time to release by 15% by creating a REST client and Ruby gem to automate patch release emails, and leveraged GitHub's GraphQL API to automate the build of release notes

### Globality Inc.

Software Engineer Intern - Core Platform

Menlo Park, CA

September – December 2019

- Produced REST endpoints and event handlers across various microservices in Flask (Python) to service new features
- Linked the backend and frontend in the GraphQL gateway layer using Node.js to ensure more robust querying
- Built and maintained UI components for Globality's customer-facing web app using React, GraphQL, Redux, and Apollo

### Shopify

Software Engineer Intern - Plus

Waterloo, ON

January - April 2019

- Prototyped, modeled, and implemented the backend architecture for Shopify Plus user access and management
- Developed GraphQL APIs for permissions, access, and management to expose data and methods to web/mobile clients
- Improved data load times by 20% through the effective use of caching, cron jobs, and SQL query optimizations

### Shopify

Software Engineer Intern - Payments and Hardware

Toronto, ON

May - August 2018

- Implemented and shipped new tipping feature and functionality to over 100k merchants on Shopify POS
- Wrote a custom WebSocket protocol for secure information transfer across mobile devices
- Reduced need for regression testing by 40% by writing unit, UI, integration, and screenshot tests on the Android platform

## PROJECTS

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### Tissue

- Designed a concurrent CLI to convert TODO comments in your projects to GitHub issues using Go, and GitHub's API

### Divide

- Created a payment splitting Android app allowing users to divide bills using Kotlin and the Android SDK
- Built a GraphQL backend using Ruby on Rails, and MongoDB to service the app

### XY Axis Motion Control

- Completed an embedded systems project for a two-axis precision control system written in C++, using a TI MSP430 micro-controller
- Fabricated a custom PCB to connect hardware and 3D printed mechanical parts