ROHAIL KABANI

SOFTWARE ENGINEER

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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

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 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
- Used React, GraphQL, and Apollo on the frontend to develop new components in the core application

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
- Payment splitting Android app allowing users to divide bills using Kotlin and 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