
WORK EXPERIENCE

Shopify

Ottawa, Canada

Software Engineering Intern, Payments

Summer 2017

- Designed and developed one of Shopify's most requested features – multicurrency support.
- Redesigned payment system to support multicurrency allowing selling and settling in different currencies.
- Released feature to enable Canadian merchants using Shopify Payments to modify their supported currencies.
- Integrated Stripe APIs for provisioning accounts, updating bank accounts and currency conversion.

Software Engineering Intern, Shopify Mobile

Winter 2017

- Released the Customers feature, and enhancements to other core features on the Shopify iOS application.
- Wrote GraphQL queries and updated the internal GraphQL API using Rails to support new mobile features.
- Reduced server calls when updating Customer objects by 50% by using batched queries, improving app performance.
- Integrated app with Apple Pay as a subscription payment method for Hack Days, a company-wide hackathon.

Software Engineering Intern, Production Engineering

Summer 2016

- Architected a dynamic and robust mobile continuous integration system that utilizes shared storage.
- Decreased average build time by 60% by parallelizing tests and improving concurrency.
- Added code signing ability on VMs reducing the security risk of storing keys on developer machines.
- Automated the app submission process for the internal app store, Google Play and Apple App Store by enabling apps to be deployed with one command, thereby saving developer hours.

LoyaltyOne

Toronto, Canada

Software Engineering Intern, Air Miles Reward Program

Summer 2015

- Designed and implemented a RESTful API using Node.js for processing transactions in Air Miles currency.
- Utilized distributed strategies and ACID principles to ensure that payment processing was efficient and reliable.

EDUCATION

University of Waterloo

Fall 2014 – May 2019

- 3B, B.C.S in Computer Science with Software Engineering Option. GPA: 3.7
- Awards: President's Scholarship, Crawford & Company Scholarship
- Velocity Incubator Residence (Fall 2016)

SELECTED PROJECTS

Binge (Swift, Node.js) – MHacks, Michigan University

- Personalized news app for iOS that gives you the news about any topic, no matter how broad or narrow it is.
- Semifinalist in 2016 Student Startup Madness contest, a US-wide collegiate entrepreneurship contest.

CoinChat (Node.js, Express.js, Microsoft Bot Framework) – HackHarvard, Harvard University

- Facebook Messenger chat-bot with NLP that allows users to perform their everyday banking tasks with ease.

ShoutOut (AngularJS, Node.js, Socket.io, MongoDB, JSON Web Tokens, Heroku)

- Social network built with the MEAN stack that allows users to anonymously speak with each other about any topic.

Spotubify (Node.js, Spotify API, HTML, CSS, jQuery)

- Spotify app that has additional features such as rating songs, tags, and watching music videos fetched from YouTube.

TECHNICAL SKILLS

Languages: C/C++, Java, Swift, Ruby, JavaScript, Bash, SQL, HTML/CSS

Tools/Frameworks: Ruby on Rails, Node.js, iOS, GraphQL, AngularJS, JQuery, Java Spring, MVC, MongoDB, Elasticsearch, JMeter, AWS, Linux