

# Shravan Gajjela

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## Skills

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**Languages** Ruby, Python, C, C++, Java, SQL, JavaScript  
**Technologies** Ruby on Rails, MySQL, Express, Node.js, Angular, Flask, Git, Memcached, Kubernetes

## Experience

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### Shopify

#### Software Developer Intern

Sept. 2018 - Dec. 2018

- Working on Facebook Ads integration on the Marketing Technology team as a backend developer
- Routed webhooks to their own pods in **Kubernetes** and added pressure release valves for jobs
- Designed and implemented a throttling module using **Memcached** to limit merchant API usage
- Created a **GraphQL API** to distribute **13,000** Facebook Ad Coupons to eligible merchants

### Shopify

#### Software Developer Intern

Jan. 2018 - Apr. 2018

- Worked on the Identity team, responsible for unifying and securing the way users access all of Shopify
- Increased log in security by adding support for additional two factor authentication methods
- Wrote background jobs for **Sidekiq** to send IP based new device notifications as well as account audits
- Added stemming to **Elasticsearch** for Shopify Burst which increased image downloads by **14%** and reduced search refinement by **5%**

### TD Bank

#### Software Developer Intern

May. 2017 - Aug. 2017

- Created a dashboard in **Angular** to allow financial advisers to manage their customers at scale
- Built an **Android** application to help university students save money toward their collective goals
- Implemented a multi-platform real-time chat system between advisers and their clients using **Firestore**
- Designed and built a prototype of a streamlined bill payment experience app for **Android**

## Projects

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### Bookful.ca

- Application that helps University of Waterloo students find textbooks with powerful search tools
- Built a back-end server in **Ruby on Rails** to scrape, parse, and sanitize data using background jobs

### Crypto Trader

- Trading platform for crypto-currencies that trades under technical indicators specified by user
- Used **Node.js**, Electron, Bootstrap, and SHA-512 standard for REST calls to Bittrex API

### Messenger Bot

- Messenger bot that serves content from various sources automatically or upon user request
- Created a backend server in **Flask** that packages information and serves it to all subscribed users

## Education

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### University of Waterloo

#### Bachelor of Software Engineering, Co-op

Sept. 2016 - Apr. 2021