Shravan Gajjela

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Skills

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

Experience

Shopify
Software Developer Intern *Sept. 2018 - Dec. 2018*

- Worked on Facebook Ads integration on the **Marketing Technology team** as a back-end developer
- Designed and implemented a throttling module using **Memcached** to limit merchant API usage
- Created a **GraphQL API** to distribute **$1.3m** in Facebook Ad Coupons to eligible merchants
- Launched a feature to allow merchants to embed discounts in their ads, used by **50%** of all ads created

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 auth methods using **Amazon SNS**
- 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 **Firebase**
- Designed and built a prototype of a streamlined bill payment experience app for **Android**

Projects

Bookful.ca

- An app 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 the 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

University of Waterloo
Bachelor of Software Engineering, Co-op *Sept. 2016 - Apr. 2021*