





# KEVIN JIANG

DEVOPS ENTHUSIAST

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## EXPERIENCE

### Ontario Digital Service — Fullstack Developer

React, React Router, Apex Charts, Zustand, Firebase, Antd, Leaflet // May 2020 - August 2020

- Developed the province of Ontario's Covid-19 Data Viz, averaging **456k unique views/mo**, using **React**, **Antd**, and **Apex Charts**
- Created map dashboard from scratch, showing case statuses in the province, and reduced data transferred from **15MB to 4MB**, resulting in **74% decrease** in load times
- Initiated and completed refactor of Data Viz to ensure extensibility and maintainability
- Architected and coded prototype of Ontario Autism Program's future online portal using **React**, **React Router**, **Zustand** and **Firebase**, in accordance to stakeholder and user interviews
- Automated build and deploy of prototype using **GitLab CI**, changing turnaround time for feedback from **45 minutes to 5 minutes**

### SpartaHacks — Web Developer and Mentor

Bootstrap, JavaScript, CSS // March 2018 - December 2019

- Designed and developed responsive website for the SpartaHacks IV event using **Bootstrap**, **JS**, and **CSS**
- Returned as a mentor to aid participants with their projects

### /RipMeApp — Maintainer

Java, JSoup, Swing, JUnit, TravisCI // December 2017 - August 2018

- Used **continuous integration** and **automated regression testing** to ensure the **86+ websites** supported in the **2000+ starred** open source webscraper remained functional
- Wrote documentation and unit tests for existing classes, increasing code coverage of affected classes

## PROJECTS

### React Spotify Auth

/react-spotify-auth // May 2020 - Present

- Created open source component library for Spotify API authentication, with **1.1k+ downloads** on NPM and used in **15+ projects** on GitHub
- Built CI/CD pipeline using **TravisCI**, and **Docker**
- Explored automated testing options like **React Testing Library**, **Jest**, and **LambdaTest**

### Figma Thumbnail Generator — Camp Figma Winner

/figma-thumbnail-generator // August 2020

- Authored Figma plugin that creates customizable thumbnail for Figma files, built using **React**, **TypeScript**, and **Firebase**

### Sally Standup — HackItShipIt Winner

/sally-standup // July 2020

- Built a Slack bot that helps streamline the daily standup process by storing and showing tasks as requested using **NodeJS** and **Express**

## EDUCATION

### University of Waterloo

Management Engineering (B.ASc) // 2019 - Present

- Academic Rep, 1A-1B terms

## SKILLS

### Languages

JavaScript	TypeScript
Java	Python
R	SQL
HTML	CSS/SCSS
Bash	Excel VBA

### Frameworks / Libraries

React	Redux
Node.js	Bootstrap
Express	JUnit
React Testing Library	Puppeteer

### Tooling

Docker	Kubernetes
Firebase	PostgreSQL
MongoDB	GraphQL
AWS	GitlabCI
Microsoft Azure	TravisCI
Google Cloud Platform	

## COURSES

### Azure DevOps Training (AZ-400)

Microsoft Learn

### Architecting with Google Kubernetes Engine

Coursera

### Google Cloud Platform Fundamentals

Coursera

## INTERESTS

Open source  
CI/CD pipelines  
React  
Automation  
Skyline pictures