

# Kajan Vigneswaran

## Software Engineer

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### Kajan Vigneswaran

416.994.4464

kajan.vigneswaran@gmail.com

<https://kajan.dev>

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### Skills

Proficient with Python, GoLang, ReactJS / TypeScript, GraphQL and SQL

Experience with C, C++, Java, and PHP

Comfortable utilizing both AWS and Google Cloud

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### Experience

#### Bolt / Software Engineer

September 2019 - Present, Toronto, Ontario

- Led development of the developer dashboard to assist the merchant's development team
- Set up a framework for load testing our various plugins. Automated deployment of test stores on AWS servers, simulating high load, and visualizing the results
- Lead on NetSuite plugin. Help with: onboarding over \$20M TPV, code reviews, and debugging client integrations
- Tools used: ReactJS / TypeScript, GoLang, PHP, PostgreSQL, GraphQL and AWS

#### Shopify / Data Scientist

September 2018 - December 2018, Ottawa, Ontario

- Developed a program to detect the topic of a customer's email, and then generate an automated response back containing a relevant help document, to help bring down support times
- Tools used: Python, Flask, ElasticSearch, and SQL

#### Scotiabank / Analyst

January 2018 - April 2018, Toronto, Ontario

- Developed an internally hosted website that provides analysts a user friendly way to find stocks that are highly correlated. Saved the company \$150,000 a year by not having to purchase a similar program from a vendor
- Tools used: Python, Flask, JavaScript and Bash scripts

#### Oracle / Software Engineer

January 2017 - April 2017, Kitchener, Ontario

- Worked on the Matching Engine team to help automate the bank reconciliation process
  - Tools used: Java, JavaScript, and PostgreSQL
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### Education

#### University of Waterloo / Bachelor of Honours Computer Science

September 2014 - April 2019, Waterloo, Ontario

#### Wilfrid Laurier University / Bachelor of Business Administration

Major in Finance

September 2014 - April 2019, Waterloo, Ontario

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### Projects

**Tunes (<https://tunes-dev.appspot.com>)** - Web application that recommends music based off of a selected song. Built using ReactJS, Python, Flask, Spotify API, and deployed on Google Cloud

**Kaggle Two Sigma Project** - Worked with 10 years of daily market and news data to assign confidence values for the 10-day return of each stock. Built using Python