

Rohit Kaushik

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Skills

Languages Python, Java, JavaScript, TypeScript, C, C++, C#, Vue.js, Node, PHP, Go, GraphQL, jQuery, Bash, Ruby
Technologies Flask, Ruby on Rails, React, Docker, Kubernetes, Selenium, MySQL, Laravel, SemaphoreCI/CircleCI, Gherkin, JIRA, SpringBoot, Git

Experience

Palomino Inc · APPLICATION DEVELOPER · TORONTO, ON

Aug 2020 - Dec 2020

- Completed training on XML, XSL and XSD used in conjunction with the LAMP stack.
- Participated in information pipelining with JQuery, Ajax and Vue.js along with database migration using MySQL.
- Developed an organizational application for a client company which allows management of tickets relevant to internal projects using PHP, MySQL, Laravel, Bootstrap and Javascript.
- Installed the Zendesk Support API and automated refreshing of tickets by implementing recurring calls to the API through cron jobs.

SS&C · FULL-STACK DEVELOPER · TORONTO, ON

Jan 2020 - April 2020

- Refactored the main and testing code base for the trading platform used by State Street Financial.
- Automated regression testing suite for Brokerage Solutions, task previously assigned to freelancers, saving **\$3500** per month.
- Managed a novel expense managing app project at SS&C (similar to concur) to beta phase to alleviate company-wide manual expense tracking.
- Configured the AWS Multipart Upload API for project servers and demoed the PoC to top level executives (CIO, CTO) and T Rowe Price (client).

Cannect · FULL-STACK DEVELOPER · TORONTO, ON

Jun 2019 - Aug 2019

- Migrated a webapp from custom styles and Bootstrap 3 to Bootstrap 4 in even passes with mobile-first UI development.
- Ensured feature parity between the migrated and previous version using VueJS, JQuery and Ruby on Rails.
- Worked in weekly agile sprints on application-wide bug fixes, testing and feature upgrades over 14 weeks.
- Assisted migration to Kubernetes from Docker with thorough research on microservices.

Projects

C++ Compiler ·

- Built a compiler that converts a C++ program to its equivalent machine instruction using C++.
- Employed LL(1) parsing to read programs - create a symbol table in pass 1, followed by a syntactical and lexical check in pass 2 using binary trees and DFAs.
- Used Context Free (and Sensitive) Grammar analysis to perform checks and stored the structure of the input code in a left recursive tree.

ShortStock · (PYTHON, JAVASCRIPT, FLASK, MYSQL)

- Built a full-stack project that customizes financial stockbased news to facilitate investment decision making.
- Co-engineered a full-stack project with Diffbot and Google Search APIs, SQL, Python, Flask, HTML and CSS.
- Used machine learning that customizes financial stock news to investment style to aid financial decision making.
- Created the recommendation engine using MLP Classifiers from Scikit-learn (neural network - backpropagation).

Education

University of Waterloo · BACHELOR OF COMPUTER SCIENCE, HONOURS · YEAR 3A

2018 - Present

- Dean's honours list 2018 - GPA: 87.4%
- Current GPA: 80.5%