

# JUNTAE PARK

FULL STACK DEVELOPER · SOFTWARE ENGINEER

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## Summary

Full-stack software engineer with experience using various frameworks and languages. Looking for interesting opportunities.

## Skills

<b>Web Development</b>	Django, Rails, React, Flask, HTML5, SASS
<b>Programming Language</b>	TypeScript/Javascript, Python, Ruby, MATLAB, Java
<b>Statistical Analysis</b>	Pandas, Scikit-learn, Regression Analysis, Image Processing
<b>DevOp</b>	Heroku, DigitalOcean, AWS, Google Cloud

## Experience

### Warner Music Group

Toronto

TECHNICAL LEAD ENGINEER

July, 2023 - Present

- Implements bazel structure for the company for TypeScript and JavaScript code base for hermiticity and stablishing standards for JavaScript and TypeScript testing and code structures.
- Led a team of five engineers in building GraphQL endpoints for client-facing applications using Apollo and AppSync, supporting over 60,000 concurrent users and auto scaling depending on request values.
- Improved application response times by up to 85% for graphQL response by updating database schema and SQL queries, eliminating N+1 queries and lack of indexes.
- Developed CI/CD pipelines for backend structures.
- Designed infrastructure for pub/sub, caching, and media processing logic.

### Google

Toronto

SOFTWARE ENGINEER

Feb, 2022 - July 2023

- Implements and maintained new features relating to App Script across google workspace platform including Gmail, sheets, and Docs.
- Improved a response time and render time of App Script hover card components.
- Collaborated with a team of developers to ensure timely and accurate delivery of features.
- Conducted user testing and gathered feedback to iterate on features for optimal user experience.

### Everlywell

Remote

SOFTWARE ENGINEER

December, 2020 - Jan, 2022

- Maintained Amazon amplify apps to create and deploy React web applications for companies such as *NBA*, *Tinder*, and other companies for COVID-19 at-home test kits.
- Implemented a script that helps accurately access and refund unused covid test kits; helping company save up to 200,000 USD.
- Created several Rails controllers for internal purposes; mocking end to end user experience for QA, mass refund features for CX department, and more, ultimately reducing support tickets amount by 50 percent.
- Implemented an audit table to help debug problems and logged which process was responsible for the change of the record using PaperTrail gems

### Spiria

Oakville, Ontario

SOFTWARE ENGINEER

October, 2018 - October, 2020

- Constructed RESTful API endpoints in multiple different frameworks such as Django, Ruby on Rails, and Flask and automated API documentation process using swagger.
- Designed custom rake tasks for importing production data into newly updated data structure to meet client's needs.
- Maintained or updated staging/productions servers. Debugged problems in production postgres database using ssh and postgres console on Heroku or AWS servers
- Collaborated in creating automation python scripts for websites and application using selenium covering for QA eliminating 80% of QA's manual work

### Apex Score

Oakville, Ontario

FULL STACK DEVELOPER/DATA ANALYST

September, 2019 - October, 2020

- Developed custom Shapley value regression model to calculate importance of independent variables of data sets using sklearn, pandas, and numpy.
- Created custom image uploader to Amazon s3 bucket using boto3 library.
- Built RESTful API application using Flask framework and automated extensive API documentation pages using flask-restplus, pytest, and swagger, covering 95% of the code base.
- Created an interactive graph using D3.js in Vue.js with data from Flask backend API.

## Education

### University of British Columbia

Kelowna, British Columbia

BACHELOR OF SCIENCE IN PHYSICS

2014 - 2018