

JUNTAE PARK

FULL STACK DEVELOPER · SOFTWARE ENGINEER

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Summary

Software Engineer with 8 years of hands-on experience across diverse tech stacks, from early-stage startups to FANG-scale systems. Adept in designing and delivering robust software solutions using modern languages, frameworks, and cloud platforms. Open to impactful work.

Skills

Programming Language	TypeScript, Python, C++/C, Ruby, Java, MATLAB
Tool & Platforms	Bazel, PostgreSQL, Mercurial, Git, Pands, Raylib, XCode
Web Frameworks	Django, Rails, React, Flask
DevOp	Plummi, Heroku, DigitalOcean, AWS, Google Cloud
Language	English, Korean, Japanese

Experience

Meta	<i>Menlo Park, USA</i>
SOFTWARE ENGINEER	<i>Oct, 2024 - Present</i>
<ul style="list-style-type: none">Led the development of Channel Value Rules (CVAR), a system impacting 16% of Meta's total ad traffic, to improve value attribution accuracy and advertiser ROI.Delivered full-stack features with React and Hack/GraphQL, shipping performant, production-grade systems at scale.Proposed and implemented alpha improvements to internal testing infrastructure, reducing test time by 50% and enhancing developer velocity.Collaborated with data scientists to design and evaluate A/B experiments measuring revenue impact of ad destination choices.	
Warner Music Group	<i>Toronto</i>
TECHNICAL LEAD ENGINEER	<i>July, 2023 - Sept, 2024</i>
<ul style="list-style-type: none">Designed and implemented Bazel build configurations for TypeScript and JavaScript projects, establishing consistent testing and code structure standards.Led a team of five engineers in building GraphQL endpoints for client-facing applications using Apollo and AppSync, supporting >2000 RPS 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 infra structures using CDK and plummiDesigned infrastructure for pub/sub, caching, and media processing that can handle short form videos for arist to share with their fans.	
Google	<i>Toronto</i>
SOFTWARE ENGINEER	<i>Feb, 2022 - July 2023</i>
<ul style="list-style-type: none">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	<i>Remote</i>
SOFTWARE ENGINEER	<i>December, 2020 - Jan, 2022</i>
<ul style="list-style-type: none">Maintained Amazon amplify apps to create and deploy React web applications for companies such as <i>NBA</i>, <i>Tinder</i>, 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	<i>Oakville, Ontario</i>
SOFTWARE ENGINEER	<i>October, 2018 - October, 2020</i>
<ul style="list-style-type: none">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 serversCollaborated in creating automation python scripts for websites and application using selenium covering for QA eliminating 80% of QA's manual work	

Education

University of British Columbia	<i>Kelowna, British Columbia</i>
BACHELOR OF SCIENCE IN PHYSICS	<i>2014 - 2018</i>