

JUNTAE PARK

MEMBER OF TECHNICAL STAFF · SOFTWARE ENGINEER

Bay Area, CA, USA

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 June Park

Summary

Member of Technical Staff and engineering leader with over 10 years of experience building AI agent platforms and production systems from zero to global scale across Microsoft, Meta, Google, and growth-stage companies. Combines foundational infrastructure architecture with cross-team product delivery.

Skills

Programming Languages: TypeScript, C#, Python, C/C++, Ruby, Java, MATLAB

Tools & Platforms: Bazel, PostgreSQL, Mercurial, Git, Pandas, Raylib, Xcode

Web Frameworks: Django, Rails, React, Flask

Cloud & DevOps: Microsoft Azure, Azure DevOps, AWS, Google Cloud, DigitalOcean, Heroku, Plumm

Language: English, Korean, Japanese

Experience

Microsoft

San Francisco, CA, USA

MEMBER OF TECHNICAL STAFF

Oct 7, 2025 - Present

- Led engineering for Copilot Tasks from architecture through research-preview launch, bringing background agentic execution to a Copilot ecosystem serving more than 100 million paid weekly active users.
- Designed and built AIX Harness as a foundational engineer and technical leader—the execution and control plane for the Copilot SuperApp—standardizing agent orchestration, context management, and multi-model execution while supporting approximately 3,000 pull requests per month across dependent teams.
- Created the repository and led end-to-end engineering for the Code and Autopilot tabs, two flagship SuperApp surfaces introduced publicly by Satya Nadella at Microsoft Build 2026.
- Directed architecture and cross-team delivery across Copilot Tasks, AIX Harness, and the SuperApp codebase, taking multiple zero-to-one platform and product systems from definition to launch in nine months.

Meta

San Francisco, CA, USA

SOFTWARE ENGINEER

Oct, 2024 - Oct, 2025

- Took initiative on Channel Value Rule, targeting the 16% of ad traffic with both app and web destinations to improve value attribution and ROI.
- Built full-stack features using React and Hack/GraphQL, contributing to scalable, production-ready systems.
- Partnered with data science to design A/B tests and analyze revenue impact of ads destination.
- Proposed and implemented alpha improvements to internal testing infrastructure, reducing test time by 50% and enhancing developer velocity.

Warner Music Group

Toronto, ON, Canada

TECHNICAL LEAD ENGINEER

July, 2023 - Sept, 2024

- 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 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 structures.
- Designed infrastructure for pub/sub, caching, and media processing logic.

Google

Toronto, ON, Canada

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

Toronto, ON, Canada

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, ON, Canada

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, ON, Canada

SOFTWARE ENGINEER

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