

Si Yong Kim

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SUMMARY

Software engineer with robust experience in product development, infrastructure, and data integration, demonstrating strong ownership and a deep curiosity for innovative problem-solving across various domains.

EXPERIENCE

Software Engineer – Snap

2024 – Present, Los Angeles, CA

- Platform integrity engineering.

Software Engineer – Raya App

2021 – 2024, Los Angeles, CA

- Led engineering initiatives for the global launch of localized ad campaigns (push notifications and emails), optimizing time-based delivery and increasing service QPS by 400%. (Node.js, Kubernetes, AWS)
- Transformed the recommendation service into a microservices architecture, achieving a 10x reduction in p95 latency and a 200% increase in engagement and match success metrics. (Golang, gRPC, GitHub Actions CI/CD)
- Implemented Datadog-driven Kubernetes HPA for service worker scaling, reducing infrastructure costs by 20% and optimizing engineering time allocation. (Kubernetes, Terraform, Datadog)
- Developed a gRPC framework to facilitate a smoother transition from a monolith to microservices, enabling swift service migration without sharing Protobuf definitions. (gRPC, Protobuf, GitHub Actions, CI/CD)
- Developed a framework for dynamic user enrollment into experiments and feature releases, triggered by key interaction points for increased flexibility. (Node.js, Golang, PostgresDB)
- Developed a premium membership tier and consumable product leading to a 15% user adoption rate and a 20% increase in ARPU. (Node.js, Postgres, MongoDB)

Software Engineer – Divvy Homes

2019 – 2020, San Francisco, CA

- Automated ads data ingestion from Google and Facebook into our data pipeline, enabling SQL-based reporting for the marketing team and enhancing efficiency through load-testing and QPS calibration. (Node.js, PostgresDB, Google/Facebook Ads Platform)
- Developed a React and Node.js-based data integrity tool, improving underwriting review velocity by 300% and enhancing transcribed legal document accuracy by 20% through improved API integrations with Arcgate. (React, Node.js)
- Enhanced portal UX by optimizing GraphQL queries, reducing database load by 25%, and doubling page rendering speed. (React, GraphQL)

EDUCATION

Honours Bachelor of Science

University of Toronto • Toronto, Ontario • 2017 • 3.78 GPA

SKILLS

Software: Nodejs, Golang, Python, Kubernetes, Terraform, AWS, CI/CD