

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 – Snapchat

2024 – Present, Los Angeles, CA

- Built modular infrastructure to streamline internal data retrieval and preservation workflows across multiple data sources, improving automation, traceability, and cost attribution. (Golang, Temporal.io, BigQuery, GCS)
- Led updates to law enforcement compliance systems to reflect evolving global regulations, ensuring accurate and timely data disclosures across changing legal requirements. (Golang, Temporal.io, Postgres, GCS)

Software Engineer – Raya App

2021 – 2024, Los Angeles, CA

- Led engineering for the global launch of localized ad campaigns (push & email), optimizing time-based delivery and increasing service QPS by 400%. (Node.js, Kubernetes, AWS)
- Transformed the recommendation engine into microservices, achieving 10x p95 latency reduction and 200% boost in engagement and matches. Also developed a gRPC framework to decouple service migrations from Protobuf dependencies. (Golang, gRPC, GitHub Actions)
- Implemented Datadog-driven HPA for Kubernetes workers, cutting infra costs by 20% and streamlining engineering operations. (Kubernetes, Terraform, Datadog)
- Built a flexible experimentation framework for dynamic user enrollment at key interaction points, enabling faster A/B testing and feature rollouts. (Node.js, Golang, PostgresDB)
- Delivered a premium membership tier and consumable product, driving 15% adoption and 20% ARPU growth. (Node.js, Postgres, MongoDB)

Software Engineer – Divvy Homes

2019 – 2020, San Francisco, CA

- Automated ad data ingestion from Google and Facebook into our pipeline for SQL-based marketing reports, improving efficiency via load-testing and QPS tuning. (Node.js, PostgresDB, Google/Facebook Ads)
- Built internal tools and improved portal UX: a data integrity app boosted underwriting review speed by 300% and accuracy by 20%, while GraphQL optimizations halved page render time and cut DB load by 25%. (React, Node.js, 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