

# KAZUSHIGE TOMINAGA

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## Experience

### Tech Lead/Senior Software Engineer Recruit Inc, Tokyo, Japan

March 2022 - present

- Enabled business and engineering teams to safely deploy and operate their services by developing a feature flag web application that processes over 3000 req/sec
- Improved the response latency of a Golang-based web application by over 100x by introducing parallel processing
- Designed and introduced an authorization mechanism capable have handling 2 million users into a video streaming platform to enable flexible access control
- Drove an improvement to developer processes that enabled easier sharing of common business logic, including consolidation of large amounts of data from multiple downstream databases

### Software developer RewardOps Inc, Toronto, Canada

September 2019 - February 2022

- Enabled showing API request logs across distributed systems by utilizing such as Active Support Instrumentation and Datadog APM
- Lead a project to introduce a feature flagging system to improve the development experience
- Leveraged Event-Driven architecture to unify and simplify the company's data flow
- Lead and developed the introduction of new plugins and integrations with suppliers and rewards programs to further the core business operations

### Software engineer Rakuten Inc, Tokyo, Japan

June 2017 - January 2019

- Designed a coupon distribution system that is user-friendly without introducing additional load on server resources
- Increased development efficiency by parallelizing tests and automating batch deploys
- Improved the operation flow of customer support staff to decrease their workload by automating operations

### Software engineer Marketing Applications(MApps) Inc, Tokyo, Japan

April 2013 - May 2017

- Designed and implemented a marketing research application using Laravel, as well as optimized complex SQL queries
- Collaborated and built relationships with global companies to develop linkage systems with partner APIs
- Introduced TDD workflows to the engineering team in order to increase engineering throughput

## Key Experience

- Highly knowledgeable in various web stacks such as Golang, Ruby (Ruby on Rails), and Rust (Wasm).
- Worked in cloud environments such as AWS, and GCP, used containerized technology such as Kubernetes, and Docker. Managed these environments via Terraform
- Made yearly product roadmap of the team, brought it down into sprints, and ran it
- Led a team by defining team ceremonies, working agreements, having team buildings, and operating a tech study group

## Education

Master of Design - The University of Kyushu(Japan); 2011 - 2013

## Certification

- AWS Certified Solution Architect Associate
- CKAD: Certified Kubernetes Application Developer