



Soma Utsumi

Platform Engineer

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SUMMARY

I'm a Senior Software Engineer with 6+ years of experience and a Platform Engineer with 2+ years of professional experience in Tokyo, Japan.

I engaged in the backend developments for enterprise applications and the operation of cloud infrastructures with high-security requirements.

I am proficient in developing microservices with Go and managing infrastructures using Kubernetes.

SKILLS

SRE

- SLI/SLO
- Datadog
- Observability

Platform Engineer

- GCP
- AWS
- Kubernetes
- Terraform
- CI/CD
- Developer Experience

Backend Engineer

- Go
- gRPC
- PostgreSQL
- Microservice

LANGUAGES

- Japanese(Native)
- English(Business)

WORK EXPERIENCE

2024-04 - Present	Freelance, Embedded SRE in AI/LLM Division LayerX Inc. <ul style="list-style-type: none">• I was involved in developing enterprise applications and infrastructures for the top 10 financial institutions in Japan.• I deployed applications and infrastructures to the enterprise client's environments using the closed network, ensuring compliance with the highest security standards.
2023-11 - Present	Freelance, Enabling SRE/Platform Engineer enechain Corporation <ul style="list-style-type: none">• I was involved in the operation of GKE clusters with over 40 nodes and more than 350 pods.• I created manifest and Terraform generator tools for developers, accelerating microservice development and cutting coding time by 90%.• I rebuilt the Terraform infrastructures to improve execution speed and cost efficiency, resulting in a 50% reduction in execution time and a 50% reduction in costs.• I standardized repository structures and branch strategies for manifests and applications, resulting in a 20% improvement in CI/CD speed.• I introduced telepresence to the dev cluster to improve the developer experience of microservice developments.• I redesigned the access control policies with high governance and security standards to ensure compliance with audits for the government.
2019-04 - Present	CTO Industry Technology Inc. <ul style="list-style-type: none">• I developed the backend for the enterprise application, which provides over 60 services(protos) to the largest real estate companies in Japan.• I deployed applications and infrastructures that ensured enterprise security and governance standards.• I migrated a legacy MySQL 5.7 to MySQL 8.0 (500 QPS), improving cost efficiency and performance.• I designed SLIs and SLOs and created dashboards and monitors, which resulted in incident mitigation and early bug detection.• I migrated from a modular monolith (100 RPS) to microservices, resulting in an increased release frequency.

EDUCATION

2014 - 2018	Bachelor of Engineering The University of Tokyo <ul style="list-style-type: none">• I designed a preoperative evaluation system for elderly patients using a generalized linear model.
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