



# Soma Utsumi

## Platform Engineer

📍 Tokyo, Japan

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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 SaaS and the operation of cloud infrastructures with high-security requirements.

I am good at developments using go and gRPC and operating infrastructures using GKE.

### SKILLS

#### SRE

- SLI/SLO
- Datadog
- Capacity Planning
- Incident Management
- Security

#### Platform Engineer

- GCP
- Kubernetes
- Terraform
- Architectural Design
- Developer Experience

#### Backend Engineer

- Go
- gRPC
- PostgreSQL
- Microservice

### LANGUAGES

- Japanese(Native)
- English(Business)

### WORK EXPERIENCE

2024-04 - Present	<b>Freelance, Embedded SRE in AI/LLM Division</b> LayerX Inc. <ul style="list-style-type: none"><li>• I was involved in developing enterprise SaaS applications and infrastructures for the top 10 financial institutions in Japan.</li><li>• I deployed applications and infrastructures to the enterprise client's environments using the closed network, ensuring compliance with the highest security standards.</li></ul>
2023-11 - Present	<b>Freelance, Enabling SRE/Platform Engineer</b> enechain Corporation <ul style="list-style-type: none"><li>• I was involved in the operation of GKE clusters with over 40 nodes and more than 350 pods.</li><li>• I created manifest and terraform generator tools for developers that accelerate microservice development, cutting coding time by 90%</li><li>• 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.</li><li>• I standardized repository structures and branch strategies for manifests and applications, resulting in a 20% improvement in CI/CD speed.</li><li>• I introduced telepresence to the dev cluster to improve the developer experience of microservice developments.</li><li>• I redesigned the access control policies with high governance and security standards to ensure compliance with audits for our upcoming IPO.</li></ul>
2019-04 - Present	<b>CTO/Enabling SRE</b> Industry Technology Inc. <ul style="list-style-type: none"><li>• I developed the backend for the enterprise SaaS application, which provides over 60 services(.protos) to the largest real estate companies in Japan.</li><li>• I deployed applications and infrastructures that ensured enterprise security and governance standards.</li><li>• I migrated a legacy MySQL 5.7 to MySQL 8.0 (500 QPS) without any downtime.</li><li>• I designed SLIs and SLOs and created dashboards and monitors, which resulted in incident mitigation and early bug detection.</li><li>• I migrated from a modular monolith (100 RPS) to microservices, resulting in an increased release frequency.</li></ul>

### EDUCATION

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