

# SHOGO HIDA

Senior Full Stack Engineer | Go & TypeScript

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**Portfolio** <https://shogo-hida-portfolio.pages.dev/>

## PROFESSIONAL SUMMARY

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Senior full-stack engineer with 5+ years building production cloud services and distributed systems, with deep expertise in Go and TypeScript. Proven record designing scalable, event-driven architectures on AWS, delivering 40% performance improvements through systematic optimization. Experienced sub-team lead with hands-on ownership across the full SDLC—from architecture design and CI/CD to incident response and documentation. Contributed to major open-source projects including Kubernetes. Native Japanese speaker, fluent in English—thrives in multicultural, high-autonomy environments.

## TECHNICAL SKILLS

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**Languages:** Go (3+ years production), TypeScript/JavaScript (React, Vue.js, Next.js), Python, Ruby, Java

**Frontend:** React, TypeScript, Vue.js, Next.js, responsive UI design, component architecture

**Backend & APIs:** Go (Echo, Gorm), GraphQL, REST, event-driven microservices

**Cloud & Infra:** AWS (EC2, ECS, Lambda, RDS, S3, CloudWatch), Docker

**Databases:** PostgreSQL, MySQL, Redis, Elasticsearch — query optimization, indexing strategies

**DevOps & Observability:** CI/CD (GitHub Actions), Datadog

**Architecture:** Clean Architecture, microservices, event-driven design, secure coding, scalability patterns

**Process & Tooling:** Agile/SCRUM, GitHub, Jira, Confluence, code review, technical documentation

## PROFESSIONAL EXPERIENCE

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**Full Stack Software Engineer & Development Team Sub-Leader** | [Zeroboard Inc.](#), Tokyo | July 2023 – Present

- Architected and deployed a cloud-native GHG (Green House Gas) emissions analytics platform for enterprise clients like Toyota Motor Corporation using a Go/GraphQL backend with Clean Architecture (1,500+ LoC), TypeScript/Vue.js frontend, and MySQL. Shipped to production with zero defects in 3 months, processing environmental data at scale.
- Built an emissions estimating system in Go processing historical data for Mitsubishi UFJ Financial Group. Owned the full product lifecycle from stakeholder demos through QA to production deployment within a 6-month deadline in a fast-paced startup environment.
- Optimized system performance by 40% through systematic load profiling and database tuning—implemented MySQL indexing strategies and query optimization for high-performance cloud services.
- Led solution engineering sub-team (2 direct reports) through 100+ production incidents, orchestrating hotfix releases and database corrections. Designed CloudWatch + Datadog monitoring dashboards with custom metrics, alerts, and distributed tracing, achieving <1-hour incident response SLA.
- Established engineering excellence through 300+ pull requests enforcing Clean Architecture patterns, comprehensive testing practices, and security-first code review standards. Mentored junior engineers on Go best practices and cloud architecture.
- Pioneered AI-driven DevOps workflows by deploying Claude AI for automated bug investigation and alert analysis, reducing mean time to diagnosis by 50%.
- Drove climate-tech impact: built scalable platforms enabling enterprises to measure, track, and reduce carbon emissions—directly supporting global decarbonization
- Partnered directly with Customer Success and enterprise clients like Toyota, Mitsubishi and Softbank to understand business problems firsthand and translate them into technical specifications, driving a customer-centric development style from discovery through delivery.

**Software Engineer** | [Cykinso Inc.](#), Tokyo | November 2021 – June 2023

- Delivered 3 full-stack healthcare products end-to-end across consumer and B2B segments using Ruby on Rails, React, and AWS cloud infrastructure (EC2, RDS, S3). Operated in a high-ambiguity startup environment with ownership of complex technical decisions.

- Designed RESTful APIs and relational database schemas for multi-tenant healthcare data with role-based access control, demonstrating strong information security awareness and data protection practices.
- Implemented CI/CD pipelines and automated testing frameworks, establishing DevOps best practices for reliable deployments.

#### **Software Engineer** | [Rakuten Inc., Tokyo](#) | *October 2020 – October 2021*

- Developed and maintained e-commerce platform features serving millions of users in an English-first, globally distributed engineering organization.
- Contributed to microservices architecture using Java and internal frameworks, participating in Agile sprints, cross-team code reviews, and scalable system design.

#### **OPEN SOURCE CONTRIBUTIONS**

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Active contributor with 10+ merged pull requests across major distributed systems and cloud-native projects:

- Kubernetes (Go), PyTorch (Python/C++), Transformers / Hugging Face (Python), LightGBM (C++/Python), Flutter (Dart)

Working on some personal projects like analyzing incident alerts and a chatbot for GHG questions

#### **EDUCATION**

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**M.Sc. Development Economics** | [Hokkaido University, Graduate School of Agriculture](#) | *2013 – 2015*

**B.Sc. Development Economics** | [Hokkaido University, School of Agriculture](#) | *2008 – 2013*

#### **LANGUAGES**

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**Japanese** (Native) · **English** (Fluent — IELTS 7.5) · **Spanish** (DELE C1) · **Portuguese** (Conversational)