

Shogo Hida

Fullstack Web Developer

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WORK EXPERIENCE

Zeroboard, *Fullstack Software Engineer*

07/2023 – present
Tokyo, Japan

Roles

- Develop backend and frontend functions for greenhouse gas emission registration
- Define requirements of coding tasks
- Do code reviews of multiple teams considering Clean Architecture
- Fix bugs
- Communicate frequently with Customer Success teams
- Create language setting system
- Lead some team projects as a lead engineer

Achievements

- **Developed a template function to register greenhouse gas emissions using Go and TypeScript**
- **Defined complicated model schemas using GraphQL**
- **Fixed bug issues related to the backend and frontend by searching logs on Datadog and Cloudwatch of AWS**
- **Released bug fixes to the production environment with hotfix in one day**
- **Improved SQL performance by using eager load and deleting unnecessary loops**
- **Implemented a template function that enables registering greenhouse gas emissions across months**
- **Created a function that allows batch editing of activities that define emissions**
- **Completed more than 150 code reviews across the teams**
- **Merged 150 pull requests in less than a year**
- **Developed translation function into 7 languages using OSS and wrote tests to prevent translation omissions**
- **Developed a dictionary function that allows users to set individual translations**
- **Fixed a bug on the front side that was complicated due to it being designed with Single Page Application**
- **Developed CSV export/import functions**
- **Led the development of a dashboard function that allows companies to easily analyze emissions of carbon dioxide and other exhaust gases by designing models/DBs, developing back-ends, front-ends, writing tests, QA support, bug fixes, etc**
- **Implemented load tests on the aforementioned dashboard function and improved slow queries**

Cykinso, *Software Engineer*

11/2021 – 06/2023
Tokyo, Japan

Roles

- Renovate the management site of the service that sells intestinal flora test kits
- Create new development of inspection kit sales and analysis services for children
- Create new services for medical organizations
- Improve systems by listening to customers' opinions

- Support other employees as the employee representative

Achievements

- **Developed a new system to analyze microbiome data from customers with Python**
- **Created models and controllers for the integration project of several services with Ruby on Rails**
- **Implemented front end of test kit service for children and questionnaire required for analysis with JavaScript and CSS**

Rakuten, Software engineer

10/2020 – 10/2021

Roles

Tokyo, Japan

- Perform works from requirement definition to design, development, and test implementation
- Repair multiple services such as SNS sharing, lottery, and shortened URL system for internal use in Rakuten Ichiba, etc.

Achievements

- Modified the shortened URL system to be searched by URL components and the conventional URL search associated with businesses and services.
- **Monitored server load during important events such as super sale**
- **Created a new log system and repaired the visualization**

Mitsui & Co. Global Strategic Studies Institute,

06/2019 – 11/2019

Analyst of North America & Latin America Department

Tokyo, Japan

- Evaluated political and economic news and reports of Mexico, Colombia, Peru, and Chile in Spanish and English

The Embassy of Japan in Guatemala,

02/2016 – 02/2018

Researcher of political and economic matters in Guatemala

Guatemala City,

- Evaluated political, economic, and judicial news of Guatemala, collected necessary data and information in Spanish and English, and achieved to write 400 daily reports

Guatemala

SKILLS

Go (Echo, Gorm, Delve, Air, Goose)

More than a year

GraphQL (gqlgen)

More than a year

TypeScript

More than 2 years

Vue.js (Nuxt 3)

More than 2 years

AWS (EC2, Cloudwatch, System Manager, RDS, ECS, S3)

More than 3 years

Ruby on Rails

More than 3 years

Python

More than 2 years

JavaScript

More than 3 years

MySQL

More than 3 years

Docker

More than 3 years

HTML/CSS

GitHub Actions

Linux

Kubernetes

Nginx

React

PostgreSQL

Agile and scrum development

PROJECTS

OSS contributions

10/2022 – present

Kubernetes

<https://github.com/kubernetes/kubernetes/pull/115800>

Flutter

<https://github.com/flutter/flutter/pull/116654>

scikit-learn

<https://github.com/scikit-learn/scikit-learn/pull/25146>

<https://github.com/scikit-learn/scikit-learn/pull/25156>

Transformers

<https://github.com/huggingface/transformers/pull/20084>

<https://github.com/huggingface/optimum/pull/542>

LightGBM

<https://github.com/microsoft/LightGBM/pull/5603>

Gatsby

<https://github.com/gatsbyjs/gatsby/pull/37041>

Deno

<https://github.com/denoland/deno/pull/16482>

Lighthouse (Chrome)

<https://github.com/GoogleChrome/lighthouse/pull/14479>

Typescript-eslint

<https://github.com/typescript-eslint/typescript-eslint/pull/5894>

Tauri

<https://github.com/tauri-apps/tauri/pull/6025>

Pytorch (Trying to merge)

<https://github.com/pytorch/pytorch/pull/87572>

EDUCATION

Le Wagon Tokyo (coding bootcamp)

04/2020 – 06/2020

- Studied Ruby on Rails, JavaScript, HTML, CSS, Git, GitHub, Heroku, Rspec, PostgreSQL for 9 weeks

Tokyo, Japan

Hokkaido University, Graduate School of Agriculture, *Master's degree*

04/2013 – 03/2015

- Major: Development Economics, Minor: Econometrics
- Related course work: Statistics, Macroeconomics, Politics
- Thesis theme: Effects of relative deprivation on Mexican migration focusing on NAFTA (written in English)

Sapporo, Japan

Hokkaido University, School of Agriculture, *Bachelor*

04/2008 – 03/2013

- Major: Development Economics, Minor: Econometrics
- Thesis theme: Investigation about the correlation between economic inequality and Mexican migration to USA

Sapporo, Japan

LANGUAGES

Japanese

English

IELTS 7.5

Spanish

DELE C1

Portuguese