

Ryo Suzuki

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<https://github.com/ryo-s2000>

Professional Summary

Professional software engineer with 4+ years of experience and extensive knowledge of the software development life-cycle.

In my last position, as a senior engineer in a backend team, I did everything I could to improve the productivity of my team. For example, I popularized testing, taught many things needed to know to our members, and built a CI/CD pipeline so that we could release high-quality applications quickly.

Work Experience

Software Engineer & Corporate IT(part-time)

Suzuki kennsetu, Inc.

Apr 2022 - Present

Solving Problems in legacy industry with IT.

- Adopt, Buy, Create approach
 - Understand client requirements in depth and choose the fastest and most efficient way to solve the problem
 - I thought the most main problem was communication so I introduced Google Workspace
 - I was not only introduced it, I instilled it in the organization
- System integration
 - Collecting and integrating dispersed data to improve workflow efficiency
 - The information that almost all employees check daily was created in Excel and was not scalable
 - So I re-stored it in a database and made it easily manipulated from a web application interface using Laravel(<https://github.com/ryo-s2000/c-ledger>)
- Excellent remote communication skill
 - I am doing this job full remote from Canada to Japan
 - Except for a weekly video chat, we communicate via chat

Senior Software Engineer

EISYS, Inc.

Feb 2020 - Mar 2022

- Created a web application called zowa(<https://zowa.app>, <https://apps.apple.com/jp/app/zowa-asmr%E3%82%92%E5%BA%83%E5%91%8A%E3%81%AA%E3%81%97%E3%81%A7%E6%A5%BD%E3%81%97%E3%82%82%E3%81%86/id1437486224>)
 - Mainly responsible for creating CMS and Admin
 - Created a CI/CD pipeline using CodePipeline, CodeBuild, CodeDeploy
 - Created a frontend using Vue.js

Experience of machine learning

- Create a review evaluation system and MLOps Pipeline using Python, BERT and SageMaker
 - I organized the requirements through interviews with the review judging team
 - I did an analysis of review data to gain insight
 - Created an algorithm to recognize whether or not a review can be published
 - Created a MLOps pipeline so that the evaluation model can be updated simply by pushing to github.
- Created a recommendation algorithms using Python
 - Created a recommendation algorithms and tested which model was best
 - Made materials to explain to managers

Team Lead of backend API team

- Created a mobile application called comipo(<https://apps.apple.com/jp/app/comipo/id1591548181>)
 - Communicated with team members to achieve goals
 - Designed distributed system using Kafka
 - Designed database Schema
 - Created a admin page using Vue.js with Highly reusable components
 - Performance Tuning using New Relic

Full-stack Engineer

Freelance

Feb 2019 - Jan 2020

Involved in all phases of the software development life-cycle.

- Created and maintained website
 - Launch website using AWS
- Created an API for delivery management system using Python
 - Mainly responsible for coding and testing
- Created a in-house business improvement application using Laravel(<https://github.com/rvo-s2000/dailyreport>)
 - I involved in all phases of the software development life-cycle from idea to deploy
 - I not only created it, but also communicated with users so that they could use it willingly. As a result, I was able to release excellent software that automates tedious tasks in a short period of time.
 - create format, static code analysis, test pipeline. Run it on GitHub Actions

Junior Software Engineer

fullout, Inc.

Mar 2018 - Feb 2019

Mainly responsible for maintenance.

- Maintain and update web scraping system for in-house use using Ruby on Rails.
- Maintain kubernetes cluster
- Maintain drone(CI/CD tool)
- Replacement from WordPress to Ruby on Rails.

Technical Skills

- Data Science
 - Python, NumPy, Pandas, Matplotlib, SciKit-Learn, Jupyter Notebook, PyTorch, BERT
- Backend
 - PHP, Laravel, Ruby, Ruby on Rails, SQL, MySQL
- Frontend
 - JavaScript, Vue.js, HTML5, CSS3, Sass
- Infrastructure
 - AWS
 - EC2, ECS, ECR, S3, Aurora, Lambda, SageMaker, CloudWatch, API Gateway, CloudFront, CodeBuild, CodeDeploy
 - Container
 - Docker, Docker Compose, kubernetes
 - CI/CD
 - CodePipeline, Github Actions
 - Message Queue
 - Kafka
 - NoSQL
 - Cassandra
- Version Control
 - Git
 - Github, Bitbucket
- Communication
 - JIRA, Slack, Redmine, Notion, Google workspace