Ryo Suzuki

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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

Suzuki kennsetu, Inc.

Software Engineer　& Corporate IT(part-time)

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 earn 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/ryo-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
- Version Control
  - Git
    - Github, Bitbucket
- Communication
  - JIRA, Slack, Redmine, Notion, Google workspace