

# Akifumi Akazawa(Tomiyama), Software Engineer

Morioka, Japan, 080-2108-7178, tomisuker16@gmail.com

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## LINKS

[Portfolio](#), [GitHub](#)

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## PROFILE

I am a software engineer with over 5 years of experience, specializing in web application development. I have extensive experience in both front-end and back-end development, with particular expertise in Ruby on Rails for back-end development. Recently, I have been involved in data engineering, focusing on building data pipelines and data warehouse construction.

In my past projects, I made significant contributions to the growth of an education-focused SaaS product. By implementing a schema-driven approach in REST API development, I reduced development lead time and successfully delivered numerous features to customers. Additionally, as a CRE, I played an active role in areas beyond feature development, such as visualizing customer health scores and automating user reporting, contributing to the overall growth of the product.

Furthermore, with over 3 years of experience as a team leader, I have worked towards enhancing team performance through the implementation of Scrum methodologies and the establishment of career progression frameworks. By providing clear team missions and fostering effective collaboration, I have motivated team members to achieve higher levels of productivity.

My interests extend beyond web development. In my personal time, I enjoy exploring Go and Rust and challenging myself with projects involving the development of interpreter languages. By continuously absorbing new knowledge and maintaining a curious mindset, I strive for constant technical growth.

I am eager to collaborate with a team and contribute to the growth of innovative products. With strong problem-solving skills and a passion for continuous improvement, I am committed to maximizing business outcomes.

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## EMPLOYMENT HISTORY

Apr 2023 — Present

### Customer Reliability Engineer, Studyplus, Inc.

Tokyo, Japan

My responsibility was reducing customer's anxieties, I have experience in the following developments:

- Built data pipelines and data warehouses, automating the aggregation process that previously took 8 hours per week. Implemented a revamp to ensure daily synchronization of user health scores with the CRM.
- Automated the aggregation process for user campaign events.
- Developed a system for detecting policy-violating posts.

Technologies used:

- Ruby
- Digdag
- Embulk
- AWS EKS
- GCP BigQuery
- GCP Dataplex
- GCP Datastream

Feb 2020 — Present

### Web Application Group Leader, Studyplus, Inc.

Tokyo, Japan

As a team leader responsible for the development of a SaaS application in the education field with a team of up to 9 members, I have gained experience in the following:

- Introduction and support of Scrum development methodology
- Goal setting and performance evaluation for team members
- Creation of career progression frameworks
- Conducting weekly 1-on-1 meetings
- Development of calendar functionality compliant with iCalendar standards
- Creation of client libraries for external public APIs
- Development of features utilizing external APIs such as Google Classroom and Zoom API
- Development of learning e-portal features integrating with the Ministry of Education's CBT system, MEXCBT

Technologies used:

- Ruby on Rails
- React
- HTML/CSS

- MySQL
- Go

Sep 2018 — Feb 2021

## BackEnd Engineer, Studyplus, Inc.

Tokyo, Japan

Web application development for BtoB SaaS in the education field.

- Full renewal of the existing monolithic Ruby on Rails application to a Ruby on Rails + React architecture.
- Implementation of an authentication infrastructure for the application using OpenID Connect.
- Introduction of schema-driven development approach.

Technologies used

- Ruby on Rails
- React
- HTML/CSS
- MySQL 5.7
- Redis
- OpenAPI3.0

Sep 2017 — Aug 2018

## System Engineer, Techno Brain, Inc.

Kanagawa, Japan

Engineer on contract-based software development.

Projects are below,

- API design and development for an e-commerce content filtering system
- Developing an internal web application for goal management

Technologies used

- Ruby on Rails
- MySQL
- Vue.js
- HTML/CSS

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## EDUCATION

Apr 2017

## Iwate Prefectural University

Iwate, Japan

### Unfinished

Completed 66 Credits towards a Bachelor of Policy Management

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## SKILLS

Ruby on Rails

Go

Ruby

BigQuery

React

Kubernetes

HTML/CSS

Rust

JavaScript