

# YUICHI KOJIMA

+12369925286 | tazitaziawawa@gmail.com | Vancouver, BC, Canada | linkedin.com/in/yuichi-kojima |  
github.com/samuraikun | yuichi-kojima-portfolio.vercel.app/

## ABOUT ME

---

Results-driven software engineer with over 7 years of experience specializing in Ruby on Rails, AWS, and Terraform. Led the migration to a container-based AWS ECS Fargate system, achieving 99% system availability and reducing video transcoding costs by 50%, ensuring optimal video playback across all browsers. Adept at optimizing system performance and enhancing user experience through scalable solutions.

## WORKING EXPERIENCE

---

### GLOBALIS *Software Engineer*

Jan 2023 - Present Tokyo, Japan(Remote)

- Led the development of backend GraphQL API using graphql-ruby/Ruby on Rails and designed GraphQL schemas to enhance collaboration with frontend teams; also actively developed and reviewed frontend features using React and TypeScript.
- Incorporated Datadog APM to enhance system observability, resulting in a 40% reduction in issue detection and resolution times.
- Developed an Azure OpenAI Service feature to label employee feedback in a corporate LMS, enhancing HR insights and contributing to increased enterprise contracts through valuable AI-driven functionalities.
- **Technologies:** Ruby, Ruby on Rails, TypeScript, React, Kubernetes, AWS, Terraform, GraphQL, graphql-ruby, apollo-client, Sidekiq, Datadog, CircleCI, Auth0, Azure OpenAI Service

### Bayer Japan *DevOps Engineer*

Jan 2021 - Dec 2022 Japan(Remote/Part-time)

- Developed a system specialized for searching PowerPoint files for new medicine research, enhancing data retrieval times by 50%.
- Created CI/CD environment to improve the team's developer experience, reducing pipeline execution time by 30%.
- **Technologies:** AWS, Terraform, ECS Fargate, Step Functions, GitHub Actions, Elasticsearch, Python, Flask

### Crevo *Software Engineer*

Jan 2019 - Jan 2023 Tokyo, Japan

- Migrated from a legacy EC2-based system to a modern container-based AWS ECS Fargate system, achieving system availability of 99%.
- Improved the video processing feature using AWS MediaConvert, reducing video transcoding costs by 50% compared to AWS ElasticTranscoder and improving video loading latency by 40%, ensuring smooth playback across all browsers.
- Refactored a monolithic Ruby on Rails video upload feature into scalable components, optimizing performance with S3 multipart direct uploads and using Sidekiq and Plain Old Ruby Objects(POROs) with the Shrine gem to improve performance and user experience.
- **Technologies:** Ruby, Ruby on Rails, Sidekiq, Vue.js, Node.js, AWS, Terraform, CircleCI, GitHub Actions, AWS MediaConvert, AWS ECS Fargate, AWS Lambda, DynamoDB, Redis/ElasticCache, OpenAPI, Auth0, WebSocket

### Sansan *Software Engineer*

Apr 2016 - Aug 2018 Tokyo, Japan

- Improved batch processing algorithms, 20% improvement in cost per batch processed, 20% reduction in server costs per month.
- Migrated on-premises Jenkins server to CircleCI, enhanced 40% deploy speed.
- **Technologies:** Ruby, Ruby on Rails, Sidekiq, AWS, Jenkins, CircleCI, RSpec

## SKILLS

---

**Languages:** Ruby, TypeScript, Python, Node.js, JavaScript, HTML/CSS

**Database:** MySQL, PostgreSQL, Redis, Elasticsearch, MongoDB, DynamoDB, Firestore, Redshift

**Tools:** Ruby on Rails, Flask, React.js, Vue.js, AWS, Terraform, GraphQL, OpenAPI, Docker, Kubernetes, GitHub Actions, CircleCI, Datadog, Auth0, WebSocket, Serverless Framework, Git, Firebase, Supabase, Azure OpenAI Service

**Others:** Agile, Software Testing, System Design, Development Operations (DevOps), Observability Engineering, Serverless

## EDUCATION & CERTIFICATIONS

---

**AWS Certified Solutions Architect – Professional**

Expires on May 28, 2025

**Cornerstone College of Canada:** Certification, Computer Engineering

September 2023 - September 2024