

# Yuichi Kojima

## Senior Software Engineer

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### ABOUT

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A Senior Software Engineer with over 7 years of experience specializing in backend development, proficient in Ruby on Rails and AWS. Committed to leveraging my deep technical expertise to enhance business success and system reliability. I also possess frontend development capabilities in React and TypeScript, enabling comprehensive solutions across the stack. Holds an AWS Certified Solutions Architect Professional certification, with a focus on optimizing functionality and user experience.

### WORK EXPERIENCE

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#### Senior Backend Engineer

2023 – Present

*GLOBIS Corporation*

*Tokyo, Japan (Remote from Vancouver)*

- Lead the development of backend GraphQL API servers and design GraphQL schemas to enhance collaboration with frontend teams; also actively develop and review frontend features using React and TypeScript.
- Incorporated Datadog APM to enhance system observability, resulting in a 40% reduction in issue detection and resolution times.
- Conducted training sessions on AWS and image/video processing techniques in Rails, increasing team productivity by 20%.

Technologies: Ruby, Ruby on Rails, TypeScript, React, Kubernetes, AWS, Terraform, GraphQL, graphql-ruby, apollo-client, Sidekiq, Datadog, CircleCI

#### Lead DevOps Engineer

2021 – 2022

*Bayer Japan*

*Tokyo, 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

#### Senior Full Stack Engineer

2019 – 2023

*Crevo Inc.*

*Tokyo, Japan*

- Migrated from a legacy EC2-based system to a modern container-based AWS ECS Fargate system, achieving system availability of 99.9%.
- 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.

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

#### Software Engineer

2016 – 2018

*Sansan, Inc.*

*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

## TECHNICAL SKILLS

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

**Database:** MySQL, PostgreSQL, ElasticSearch, Redis, DynamoDB, Firestore, MongoDB

**Tools:** Ruby on Rails, AWS, Terraform, React.js, Vue.js, GraphQL, Git, Docker, Github Actions, CircleCI, Datadog, OpenAPI

**Other:** System Design, API Design, Refactoring, Observability Engineering, Unit testing

**Certification:** AWS Certified Solutions Architect Professional