

# Haruki Kuriwada

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## SKILLS

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**Languages:** Java, JavaScript, TypeScript, Kotlin, Swift, ShellScript, SQL, HTML, CSS

**Frameworks:** Git, GitHub, Bitbucket, Jira, Sass, jQuery, React, React Native, Redux, OpenLayers, Spring Framework, Spring Boot, Spring Security, JWT, Maven, Elasticsearch, MySQL, PostgreSQL, Docker, AWS(IAM, Organization, EC2, ECS, ALB, AutoScaling, CloudFront, Route53, RDS, DynamoDB, Aurora, S3, CodePipeline, CodeBuild, CodeDeploy, Athena, Lambda, SQS, API Gateway, CloudWatch, etc.), Jest, JUnit, Android Studio, XCode, IntelliJ, Figma

**Knowledge:** Agile Methodologies, Frontend Development, Backend Development, FullStack Development, Web Application Development, Mobile App Development, Caching, Database, Unit Testing, Integration Testing, CI/CD, REST, API, Cloud Architecture, Serverless, DNS, Linux, OOP

**Certifications:** [AWS Certified Solutions Architect Associate](#), [AWS Certified Developer Associate](#), [AWS Certified SysOps Administrator Associate](#), [AWS Certified Cloud Practitioner](#)

**Familiar:** C++, C#, Python, Django, GraphQL, NoSQL, Kubernetes, Microservices, WebSocket, Serverless, AI

## EXPERIENCE

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**FullStack Developer** - Fieldshare (Vancouver, BC, CA) Sep 2021 - Present

- Orchestrated an 11% annual revenue surge for the company through a strategic UI transition across web and mobile platforms with React and React Native, adhering to the "8px grid system" methodology and the insights from the Figma designs. This resulted in a remarkable 200% increase in website traffic and attracted over 15 free demo requests within just two weeks of the initial launch.
- Engineered an offline mode for the mobile application leveraging Mobx-state-tree, catering to users in internet-scarce environments; this feature had an overwhelming 90% user adoption post-launch.
- Streamlined the local development setup process, slashing initialization time from 2 minutes to 5 seconds, by transitioning the backend application to a docker-container-hosting on AWS ECS, thus containerizing the app.
- Optimized application maintenance frequency, moving from daily to weekly intervals, through a strategic overhaul of the cloud architecture incorporating LoadBalancer and AutoScaling, ensuring robust application availability and horizontal scalability.
- Enhanced the application's query search capabilities, trimming the response time from 4 seconds to 1 second, by integrating Elasticsearch to refine the querying mechanism.

**FullStack Developer, Intern** - Goopter eCommerce Solutions (Burnaby, BC, CA) Apr 2021 - Aug 2021

- Strategically instituted multi-threading, segregating API from UI threads, resulting in a commendable 15% decline in RAM consumption by lightening the burden on the UI thread.
- Transitioned to a REST API Client with Clover for mobile payments, eliminating the need for SDK integration and subsequently removing approximately 30 redundant code files, enhancing code transparency.
- Managed and revamped the Java backend application infrastructure using Spring and MySQL; my focus was on class abstraction and adherence to OOP principles, promoting reusability and accessibility.
- Leveraged Git for version control and Bitbucket as a code repository. Proactively reviewed peer code submissions, providing constructive feedback on areas of potential improvement.
- Consistently updated the company's Wiki post-task completion, ensuring knowledge continuity and amplifying team efficiency.

## EDUCATION

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**Diploma of Computer Software Engineering** - Cornerstone College (Vancouver, BC, CA) Apr 2021- Apr 2023

**Bachelor of Electrical Engineering** - Iwate University (Iwate, JP) Apr 2017- Mar 2021

## PROJECTS

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AI Face Analyze (🔗 [source code](#) 🌐 [application URL](#))

- Implemented a serverless backend architecture, leveraging AWS API Gateway and Lambda, that seamlessly processes human face images. Upon upload, these images are directed to a trained machine learning model which conducts intricate image analysis, generating pertinent JSON responses. The resulting analysis is then dynamically displayed through a React application, optimally hosted on Netlify.

Leveraged stack: AWS Rekognition, S3, API Gateway, Lambda, Python, boto3, React, Netlify, Serverless, AI