# Haruki Kuriwada

Vancouver, British Columbia, Canada

+1 (236) 833-6423 | harukikuriwada@gmail.com | [Portfolio](#) | 🎧 [GitHub](#) | 🔗 [LinkedIn](#)

## SKILLS

**Programming Languages:** Java, JavaScript, TypeScript, Python, Go, Kotlin, Swift, HTML, CSS, Bash
**Frameworks:** React, React Native, Next.js, Spring, Spring Boot, Node.js(Express), Django, .NET
**Libraries:** Sass, Tailwind, Bootstrap, Redux, OpenLayers, Spring Security, JWT, Maven, GraphQL
**Databases:** MySQL, PostgreSQL, SQL Server, ElasticSearch, Redis
**Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, CI/CD, Jenkins, Serverless, Microservices
**Testings:** Postman, Insomnia, Jest, JUnit, Testing Library, Google Developer Tools
**Tools & IDEs:** Git, GitHub, Bitbucket, Jira, Android Studio, XCode, IntelliJ, Figma
**Methodologies:** Agile, Scrum, Test Driven Development, Design Patterns, Software Development Life Cycle
**Certifications:** AWS Certified Solutions Architect - Associate([verification](#)), AWS Certified Developer - Associate([verification](#)), AWS Certified SysOps Administrator - Associate([verification](#)), AWS Certified Cloud Practitioner([verification](#))

## EXPERIENCE

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

- Orchestrated an **11%** annual revenue surge for the company through a UI transition across web and mobile applications with React and React Native, adhering to 8px grid system methodology and the insights from the Figma designs. This resulted in a **200%** increase in website traffic and attracted over 15 demo requests within two weeks of the initial launch.
- Engineered an offline mode for the mobile application leveraging Mobx-state-tree, catering to users in no-internet environments; this feature had over **90%** user adoption post-launch.
- Reduced local development initialization time by 97.5% from 2 minutes to just 5 seconds, by streamlining the setup process through the transition of the backend application to docker-container-hosting on AWS ECS.
- Received over **20** good feedback**s** by enhancing the application's query search capabilities, trimming the response time from 4 seconds to 1 second by integrating ElasticSearch to refine the querying mechanism.
- Enhanced application deployment efficiency by reducing manual operations and increasing automation, through the integration of the CI/CD pipeline, aligning testings with Testing Library, Jest and JUnit.

**Software Engineer Intern** - Goopter eCommerce Solutions (Burnaby, BC, CA)            Apr 2021 - Aug 2021

- Strategically instituted multi-threading, segregating API from UI threads, resulting in a **10%** decline in application RAM consumption by lightening the burden on the UI thread.
- Transitioned to REST API with Clover for mobile payments, eliminating the need for SDK integration and subsequently removing **30** redundant code files, enhancing code transparency.
- Improved the Java backend application infrastructure's efficiency as measured by faster response times and reduced server loads, by revamping with Spring and MySQL and emphasizing class abstraction and strict adherence to OOP principles.
- Boosted code quality and consistency by solving **150 Jira tickets**, utilizing Git for version control, adopting Bitbucket for code repository, and proactively reviewing and offering feedback on peer code submissions.
- Enrich team efficiency by **20%** as evidenced by reducing onboarding times and repetitive questions, by consistently updating the company's Wiki after each task completion, ensuring knowledge continuity.

## EDUCATION

**Diploma, Software Engineering** - Cornerstone International College (Vancouver, BC, CA)        Apr 2021- Apr 2023
**Bachelor of Science, Electrical and Computer Engineering** - Iwate University (Iwate, JP)        Apr 2017- Mar 2021

## PROJECTS

AI Face Analyze (🎧[source code](#), [application URL](#))

- Implemented a serverless backend architecture, leveraging AWS API Gateway and Lambda, that processes human face images. Upon upload, the image is directed to a trained machine learning model which conducts image analysis, generating JSON responses. The result is displayed on the frontend application with React, hosted on Netlify.