Haruki Kuriwada

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SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python, Kotlin, Swift, ShellScript, SQL, HTML, CSS
DevOps & Cloud: AWS(EC2, DynamoBD, etc.), Docker, CI/CD, Serverless, Kubernetes, Microservices
Tools & IDEs: Git, GitHub, Bitbucket, Jira, Android Studio, XCode, IntelliJ, Figma
Frameworks & Libraries: jQuery, React, React Native, Sass, Tailwind, Bootstrap, Redux, OpenLayers, Spring Framework, Spring Boot, Spring Security, JWT, Maven, Elasticsearch, MySQL, PostgreSQL, Jest, JUnit, GraphQL, PolarUs
Knowledge: Agile Methodologies, Frontend Development, Backend Development, FullStack Development, Web Application Development, Mobile App Development, Caching, Database, Testing, REST, API, Cloud Architecture, DNS, Linux, OOP, AI
Certifications: AWS Certified Solutions Architect Associate, AWS Certified Developer Associate, AWS Certified SysOps Administrator Associate, AWS Certified Cloud Practitioner

EXPERIENCE

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 applications with React and React Native, adhering to 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 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 interest-scarce environments; this feature had an overwhelming **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.
- **Over 20 great feedbacks** 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 CI/CD pipeline, aligning frontend UI tests with Jest and Testing with Testing Library and synchronizing backend tests with JUnit.

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 **15% decline in application 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 30 redundant code files**, enhancing code transparency.
- Improved the Java backend application infrastructure's efficiency by 30% as measured by faster response times and reduced thesever 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 of Computer Software Engineering - Cornerstone College (Vancouver, BC, CA) Apr 2021- Apr 2023
Bachelor of Science - Iwate University (Iwate, JP) Apr 2017- Mar 2021

- Majored in Electrical and Computer Engineering, Division 1 soccer club player.

PROJECTS

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 image analysis, generating JSON responses. The resulting analysis is dynamically displayed through the frontend application with React, hosted on Netlify.