Haruki Kuriwada

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SKILLS

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

Certifications: AWS Certified Solutions Architect Associate, AWS Certified Developer Associate, AWS Certified SysOps Administrator Associate, AWS Certified Cloud Practitioner

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

EXPERIENCE

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

- Orchestrated an 11% annual revenue surge for the company through a strategic UI overhaul of web and mobile platforms using React and React Native, adhering to the "8px grid system" methodology and the insights from Fiama's UI/UX designs.
- 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.
- Received over 10 commendable feedbacks for architecting a user workflow automation system, powered by AWS SQS, to ensure seamless application decoupling.
- Over 10 great feedbacks by developing a user workflow automation system backed by AWS SQS to decouple the application.
- 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.
- Instituted a robust CI/CD pipeline through AWS CodePipeline integration, aligning frontend UI tests with Jest and Testing Library, while synchronizing backend app integration tests using JUnit.
- Devised SQL scripts to query the log data via Athena, fostering backend performance analysis and troubleshooting server errors.
- Leveraged Git for version control and Bitbucket as a code repository. Proactively reviewed peer code submissions, providing constructive feedback on areas of potential improvement.

FullStack Developer, Intern - Goopter eCommerce Solutions (Burnaby, BC, CA)   Apr 2021 - Aug 2022

- Achieved a 15% reduction in RAM consumption by implementing multi-threading to alleviate the UI thread's workload.
- 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.
- Seamlessly integrated Spring Security and JWT into the Spring Boot application, fortifying security in a stateless manner.
- Addressed latency issues by transitioning to read-through cache logic, significantly enhancing application performance.
- Consistently updated the company's Wiki post-task completion, ensuring knowledge continuity and amplifying team efficiency.

EDUCATION

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

PROJECTS

AI Face Analyze (⭕ source code)

- Uploading a human face image to the serverless backend that consists of API Gateway and Lambda sends the image to the trained data model which can scan the image, analyze it and generate JSON. The React application hosted by S3 shows the analyzed result.