Ruki Kuriwada | Full Stack Develoer

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portfolio.com | github.com | linkedin.com

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python
Frameworks: React, React Native, Node.js, Spring, Flask
Soft Skills: Communication, Problem-solving, Analyzing
Knowledge: Modern Cloud architecture, Agile development, OOP

WORK EXPERIENCE

Fieldshare - Full Stack Developer, Full-time   (Vancouver, BC, Canada) Sep 2022 - Nov 2023
- Produced a 200% user increase through the application migration project across web and mobile applications with React, React Native, Redux, Mobx, TailwindCSS, and Webpack by collaborating with the UI designers using Figma.
- Organized the project workflow management application using JavaScript, TypeScript, React, Java, Spring, and MySQL by achieving a 30% decrease in memory consumption by lazy-loading and memorization, and trimming the application's query response time from 4 seconds to 900 milliseconds by integrating ElasticSearch.
- Enhanced application deployment efficiency from manual operations to CI/CD pipeline automation, aligning testings with Testing Library, Jest, JUnit, and Cypress and deploying to ECS docker containers.

Goopter - Full Stack Developer, Full-time   (Burnaby, BC, Canada) Apr 2022 - Aug 2022
- Reduced the front-end application server overload by 100% and saved the company budget by solving the keyword search concurrency issue with the debounce technique from vanilla JavaScript.
- Arranged the digital ordering solution platform with React, Node.js, Apollo, and GraphQL by developing reusable UI components that improved the developer experience (DX).

Wiseman - Software Developer, Internship   (Iwate, Japan) Mar 2019 - Jun 2019
- Maintained Japan's No.1 patients' Personal Identification Information(PII) tracking system using technologies like TypeScript, React, Python, Flask, PostgreSQL, Redis, S3, Athena, and Redshift.
- Developed distributed background workers with CloudFormation for streaming using AWS SQS and Lambda for task dispatching and DynamoDB(NoSQL) for data storage. Monitored and tracked system performance, achieving 99.9% uptime and handling a peak load of 10,000 requests per minute with minimal errors.
- Designed and implemented the internal web component and its accessibility by deep diving into the UI/UX for people who have disabilities with WCAG and senior engineers' advice.

PROJECTS

Carbon Design System - github.com/carbon-design-system/carbon
- Contributed codes to the UI component library for all devices with over 110,000 weekly downloads with JavaScript and TypeScript by discussing solutions with the maintainers and other contributors.

Live Bingo Game - github.com/kuri-sun/new-year-bingo-game
- Produced dynamic bingo roulette animation by CSS, brought Tailwind CSS to make the codes sustainable and clean, and utilized Flexbox layout to make it responsible. Achieved live streaming roulette with WebSocket.

EDUCATION

Iwate National University - Bachelor of Engineering (Iwate, Japan)   Apr 2017 - Mar 2021
Major: Electronic, Minor: Computer Science (Algorithms, Data structures, Design pattern, OOP)