

# Yusuke Kohatsu - Software Engineer

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## Work Experience

Ichigo, Inc | Software Engineer

Oct 2024 – Present | Tokyo, Japan

- Contributed to launching a new shipment method using Ruby, TypeScript, and AWS to sell snack boxes.
- Resolved pricing discrepancies from external services (Shopify, Amazon) without overloading the OMS using Ruby, Shopify, external APIs, and Workers.
- Optimized the use of an external API to print shipping labels by implementing bulk batch processing in Ruby.
- Implemented a new listing page to handle urgent tasks due to customs policy updates using TypeScript, Ruby, MySQL, and AWS.
- Removed unused code from complex shipping logic without causing financial damages and adjusted all shipping-related test code using Ruby.
- Handled support request tickets daily for other teams in addition to main tasks.

Sippy Software, Inc | Backend Engineer

Dec 2022 – Aug 2024 | Burnaby, Canada

- Optimized SQL query to make the call detail record report three times faster.
- Provided a custom shell script for translating call numbers to meet urgent customer needs, bolstering sales by \$300 within a week.
- Developed and deployed a new invoice table feature using Python and PostgreSQL.
- Led the design and implementation of highly maintainable and loosely coupled code for distributed components, utilizing Python, Go, PHP, and XML-RPC.
- Created robust XML-APIs and ensured their stability with 100% test coverage using Python and pytest.
- Streamlined the development process by configuring build checks and implementing automated unit testing in Go for 10 repositories using Bitbucket pipeline.

Myadcenter | Full-Stack Engineer Intern

Jan 2022 – June 2022 | Remote, Toronto, Canada

- Developed a user-friendly form component for purchasing phone numbers with robust validations using Redux, MaterialUI, JavaScript, Next.js, and Twilio API.
- Optimized code efficiency by resolving issues and streamlining billing data retrieval from the database in Node.js, JavaScript, Express.js, and MySQL.
- Revamped the method for searching and filtering data in Node.js, Express.js, JavaScript, Next.js, and MySQL, enhancing code reusability and scalability.

Hitachi Systems, Ltd | Systems Engineer

Apr 2020 – Sept 2021 | Tokyo, Japan

- Developed a robust REST API for the user management system in Java, ensuring 100% test coverage with JUnit.
- Created reusable table components for the user management system using HTML, CSS, and TypeScript.
- Detected all potential bugs before shipment by achieving 100% test coverage for the Construction Cost Management System using Java and manual testing.
- Conducted thorough user testing and diligently reported bugs via JIRA.
- Removed all functional bugs by designing test cases and meticulously verifying test results for the construction cost management system using MySQL and JIRA.

## Education

University of Meiji, Tokyo: B.Eng in Interdisciplinary Engineering, Apr 2016 - Mar 2020

## Certification

AWS Certified Solutions Architect – Associate: Issued Mar 2024, Expires Mar 2027