Software Developer - Yusuke Kohatsu

[Portfolio](#) [GitHub](#) [Linkedin](#) k82.y12@gmail.com 604-396-2053 Vancouver

Work Experience

Sippy Software, Inc | Backend Developer | Dec 2022 – present | Burnaby, Canada
・Developed and deployed a new invoice table feature using Python and PostgreSQL.

・Created a robust XML-API from scratch and ensured its stability by crafting maintainable test suites using Python.

・Streamlined the development process by configuring build checks and establishing automated testing through the Bitbucket pipeline.

DPCode inc | IOS / Backend Developer | June 2022 – Oct 2022 | Vancouver, Canada
・Developed and deployed a serverless function using Cloud Functions, the Gmail API, TypeScript, and Node.js to seamlessly send customers' Invoice PDFs via email.

・Elevated code maintainability and quality by implementing automation testing and linting using CircleCI for the invoice application.

Myadcenter | Full-Stack Developer Intern | Remote | Jan 2022 – June 2022 | Toronto, Canada
・Developed a user-friendly form component for purchasing phone numbers with robust validations using Redux, MaterialUI, and Next.js.

・Optimized code efficiency by resolving existing issues and streamlining the retrieval of billing data from the database in Node.js and MySQL.

Hitachi Systems, Ltd | Systems Engineer | Apr 2020 – Sep 2021 | Tokyo, Japan
・Developed a dynamic REST API and created reusable table components for the user management system using Java, HTML, CSS, TypeScript, and Angular.

・Eliminated potential bugs before shipment by creating and executing rigorous test cases for QA tasks.

OSS Contributions and Personal Projects

fpdf2 - [Pull Request](#)
 • Enhanced usability by successfully deprecating a core class with backward compatibility using Python for a PDF library, streamlining the codebase, and ensuring a smoother transition for users to updated versions of the library.

novu - [Pull Request](#)
・Increased test coverage by adding component testing using Cypress for notification infrastructure, resulting in improved reliability and enhanced quality assurance of the system.

Expense Tracker - [GitHub](#)
・Built using React.js, Django, Docker, Nginx and AWS(EC2, ELB, ACM, and Route 53)

Education

Cornerstone International Community College of Canada, Vancouver
Web and Mobile App Development Diploma, 2022

University of Meiji, Tokyo
B.Eng in Interdisciplinary Engineering, 2020