Düsseldorf, Germany kaito.kitaya.personal@gmail.com

Kaito Kitaya

Linkedin: <u>linkedin.com/in/kaitokitaya</u> Github: <u>github.com/kaitokitaya</u>

Education

Master of Physics. Computational physics, Nagoya Institute of Technology, Japan.
Bachelor of Physics. Computational physics, Nagoya Institute of Technology, Japan.
Apr 2020-Mar 2022
Apr 2016-Mar 2020

Work Experience

Mid Software EngineerPapyrus GmbHOct 2024-PresentPayments teamDüsseldorf, Germany

- I replaced an old native iOS/Android application with **Kotlin Multiplatform**, integrating **CI/CD** and **fastlane**. This migration reduced the codebase by 30% and improved the Google Play Store crash ratio from 10% to 0.5%.
- I migrated an old native application to **React Native**, implementing a **CI/CD** and **fastlane** pipeline with **Cursor**. This initiative significantly improved the efficiency of creating documentation and UI boilerplate.

Mid Software EngineermiracleaveMar 2023-Sep 2024Software development teamTokyo, Japan

- As a project lead, I led the development and delivery of a live casting application using **Flutter**, **Kotlin**, and **Swift**. I established a robust **CI/CD** pipeline to streamline the project's workflow.
- I developed a cross-platform video creation library for **Flutter**, utilizing **Kotlin** with **ExoPlayer** and **Swift** with **AVFoundation**. This library was a core component of the live casting application.
- I created a **Python** utility software that automates the management of working hours for 30 employees. This single-script solution has saved the company approximately 30 hours of manual work per month.

Software Engineer YAMAHA Corporation Apr 2022-Mar 2023

Hamamatsu, Japan

• Reduced three critical bugs in a router as an embedded engineer using Clang.

Android / iOS Engineer (part time) Ibis Feb 2021-Mar 2022

Nagoya, Japan

• Developed a new feature for the **ibisPaint** mobile application using **C++** and **Java**, resulting in over **1K impressions** on X.

Web Application Engineer Freelance May 2023-Present

- Negotiated with a customer and designed a simple website from scratch using React.(https://hamamatsu-nakaze-dental.com/)
- Negotiated with a customer and designed a simple website from scratch using Next.js.(https://okazaki-iwasedc.com/)

Technologies and Languages

Languages: Dart, Swift, Kotlin, Python, Typescript/Javascript

• Technologies: Flutter, Kotlin Multiplatform, React, React Native, Next.js, Git

Other Projects

• Website: https://kate941-su.github.io/website/

• Blog: https://kate941-su.github.io/website/