**Kohei Hiraga (Kohei Ueno)**

**Senior Software Engineer at LY Corporation / Node.js Core Collaborator**

**+81 90-4242-2296 /** [**kohei.ueno119@gmail.com**](mailto:kohei.ueno119@gmail.com) **/** [**github.com/cola119**](https://github.com/cola119) **/** [**linkedin.com/in/kohei-ueno**](https://www.linkedin.com/in/kohei-ueno)

As a Senior Software Engineer with five years of experience at LY Corporation, I specialize in developing web applications and the JavaScript SDK for the MINI App platform with a daily active user base of tens of millions. My expertise in JavaScript and Web technology is further demonstrated through significant contributions to open-source projects including Node.js and WebKit.

**LY Corporation Senior Software Engineer Tokyo, Japan April 2023 - Present**

As a tech lead, I led a team of 4 Front-End developers and collaborated with over 15 people to build a MINI App platform called LINE Front-End Framework (LIFF)and its authentication infrastructure. The following experiences highlight my leadership and ability to identify innovative solutions and navigate uncertainties in complex project environments where traditional methods are ineffective.

* Led the LIFF Inspector project, a dedicated devtools for the MINI App platform. Responsibilities included problem identification, setting project objectives, drafting design docs, facilitating consensus-driven discussions, and overseeing the development process. This project not only improved the productivity and quality of LIFF apps but also fostered a developer community.
* Initiated the development of CLI tools (LIFF CLI) for the MINI App platform to streamline debugging, automate tasks, and enhance app integration.
* Fostered a culture of quality and growth by leading code reviews, facilitating technical discussions, encouraging collaboration, and delegating growth-promoting tasks, while fostering cross-functional collaboration to boost overall project success.
* Established a task management strategy and defined a maintenance policy for open source software to effectively prioritize and progress key SDK feature development, which maximizes team output and customer satisfaction under limited resources.

**Software Engineer Tokyo, Japan July 2019 - April 2023**

* Participated in a panel discussion about the sustainability of open-source software, providing insights from the perspective of a major open-source (Node.js) maintainer.
* Developed SPA-based web apps for browsers and LIFF using React and Vue.js, optimizing performance for a smooth experience across all devices, including lower-end models.

**Node.js Project Core Collaborator (Maintainer) Remote August 2022 - Present**

* Played a pivotal role in the maintenance and enhancement of the `repl`, `debugger`, and `inspector` modules. My responsibilities included initiating new features, investigating and fixing bugs, conducting code reviews, and fostering engagement among new contributors.
* Mentored individuals interested in Node.js and open-source contributions, facilitating pair programming and code review to enable their active contributions and hands-on experience.

**WebKit Individual Contributor Remote September 2023 - Present**

* Submitted over 15 patches, primarily focused on the WebVTT area, leading to a substantial improvement in WebVTT API compatibility from 88.98% to 96.61%. [Link to my patch list](https://github.com/WebKit/WebKit/pulls?q=is%3Apr+author%3Acola119).

**Education**

**Tokyo Institute of Technology Bachelor’s degree, Computer Science April 2015 - March 2019**

**Proficiencies**

**Languages:** Japanese (Native), English (Fluent), JavaScript, TypeScript, C, C++, HTML, CSS