

# Yuki Kasugai

## Software Engineer

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### PROFILE

Diligent Software Engineer skilled in JavaScript and React.js with expertise in API integration and database management. Excel in team communication and passionate about exploring new technologies. Conducts independent research and utilizes resources to solve unfamiliar coding challenges, enhancing problem-solving skills and technology learning through self-study.

### EXPERIENCE

#### Fullstack developer | Matisse Education System Co., Ltd Sep 2023 – Present

- Designed and developed a stable backend API for a daily report management system, using onion architecture to follow best practices and ensure the system can be easily maintained and upgraded.
- Enhanced team productivity by promptly identifying and logging bugs via GitHub issues, effectively prioritizing them based on urgency and operational impact. This structured approach ensured clear task assignments and fostered collaborative problem-solving during team development.

#### Frontend developer | Cuddly Aug 2023 – Present

- Effectively collaborated with designers and product leaders to customize component designs, ensuring alignment with specified requirements and facilitating a unified vision for the end product. This involved actively engaging in discussions to understand design prerequisites, and implementing those insights to enhance the user interface.
- Added Google tags to the completed website for data visualization. Incorporated SEO optimization libraries such as next-seo and next-sitemap and made adjustments based on feedback from Google Lighthouse to appear in top search results.

#### Frontend developer | Henkaku Jul 2023 – Sep 2023

- Designed and implemented the main page, product page, and form components using Next.js and TypeScript as a main front-end developer, enhancing the user experience and functionality of the website.

### SKILLS

JavaScript TypeScript HTML CSS React.js Next.js Node.js Tailwind CSS Material UI  
MongoDB PostgreSQL Supabase Git GitHub

### PROJECTS

#### SpendShare : Group Expense Tracker App designed to effortlessly split bills and track shared expenses

- Heightened the application's security and efficiency by implementing user authentication via Supabase Auth and crafting a custom hook to dynamically detect user login status through real-time session information retrieval.
- Leveraged React Hook Form to craft optimized and user-friendly forms, enhancing the user experience through streamlined form handling.

#### GlamReview : Cosmetic review app designed to help users share reviews for purchase reference

- Implemented UI components for the frontend, implemented CRUD operations using the MVC architectural pattern on the backend, and integrated with MongoDB to create a fullstack application.
- Developed a custom hook to aggregate user reviews and compute the average score for each product.

### EDUCATION

#### Web and Mobile Application Development Diploma May 2022 – Present

Cornerstone International Community College of Canada, Vancouver BC