

# Ken Tauchi

## Software Developer

Software Developer with 4+ years of experience specializing in React, TypeScript, and scalable frontend architectures. Optimized frontend performance, improving load times by 30%. Built accessible React components aligned with W3C standards, enhancing usability across 4+ applications. Improved developer workflows by refining CI/CD pipelines and modularizing UI components. Previously contributed to a client management system that processed \$500M in sales.

### WORK EXPERIENCE

#### Software Developer

Aug 2021 - Feb 2025

Machobear Studios Inc / liv.rent - Vancouver, BC

- Constructed an iterative approach for implementing a robust multistep rental application methodology using **React Query**; achieved consistent daily submission increases which led to a **significant sales increase by 200%**.
- Streamlined application performance by migrating state management from **Redux** to **React Query**, optimizing data fetching processes which resulted in **30% faster load times** and enhanced user experience for **over 20,000 monthly users**.
- Engineered a **Client Management System** with **React-Admin, Shadcn/UI, and Tailwind**, facilitating **\$500M in sales** (200 condo units) within a week.
- Developed and maintained **13 marketing websites** with **integrated inquiry systems**, leveraging **React** and **Styled Components** for a scalable and maintainable codebase.
- Developed a **comprehensive library of reusable UI components** that enhanced development **efficiency by 25%**, facilitating quicker deployment cycles for new features, while ensuring compliance with **W3C accessibility** standards across **4 diverse web applications**.
- Built a custom email automation system with **React** and **Unlayer**, **significantly enhancing marketing efficiency** through drag-and-drop template creation and scheduled campaign execution.
- Strengthened code reliability by implementing comprehensive testing strategies using **Jest, Vitest**, and **React Testing Library**, **reducing production bugs by 30%**.

#### Full Stack Developer

Apr 2021 – Aug 2021

The Code Giant – New Westminster, BC

- Led and deployed a data integration platform using **React** and **Next.js**, streamlining data synchronization across multiple business systems and improving overall system performance.

### CONTACT

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### SKILLS

#### Frontend Development:

- React
- Typescript
- Javascript
- Redux
- Next.js
- React Native
- Headless CMS
- HTML & CSS
- PHP

#### UI & Styling Library:

- Shadcn/UI
- Vanilla Extract CSS
- Tailwind
- Material UI
- Styled Components
- Framer Motion

#### Testing & Debugging:

- Vitest
- Jest
- React Testing Library
- Cypress

#### Backend & APIs:

- GraphQL
- PostgreSQL
- Prisma
- Drizzle
- Node.js
- Express.js
- REST APIs

#### Others:

- Git / Github / Gitlab
- AWS
- Vercel
- Agile Development

- Developed an intuitive user interface for a **snack delivery app using React Native**, resulting in seamless navigation that contributed to attracting approximately **hundreds active users within a week post-launch**.
- Crafted robust **RESTful APIs** designed specifically for e-commerce transactions; enabled seamless integration with third-party services, which **reduced development cost by over 50%** while enhancing user experience.
- Enhanced customer satisfaction by implementing **optimistic UI** patterns, delivering a more responsive and fluid user experience while minimizing perceived loading times.
- Established strong partnerships with clients through **consistent updates and feedback** loops, ensuring successful alignment on project goals that resulted in **zero missing deadlines** across all projects executed.

### Frontend Developer

Oct 2020 – Apr 2021

Langara College – Vancouver, BC

- Orchestrated the **remodelling of Langara College's program site** via **React and Next.js**; this initiative led to heightened interest across three different departments for web creation projects and improved user retention metrics.
- Enhanced user experience by implementing **Next.js**, resulting in a significant improvement in page load times and engagement.
- Developed a **scalable content management system (CMS)** through API integration, enabling non-technical staff to update website content while maintaining design consistency.
- Improved performance by integrating **server-side rendering (SSR)** and **static site generation (SSG)** for faster page loads.

### Technical Assistant (Remote)

Oct 2020

Impro Kids Tokyo – Tokyo, Japan

- Implemented an **automated Slack notification system** for Google Forms, improving sales order processing.

### Midmarket Sales Executive

Jul 2017 - Oct 2019

Criteo – Tokyo, Japan

### Global Mining Marketing Support

Apr 2015 - Jun 2017

Hitachi Construction Machinery – Tokyo, Japan

## EDUCATION

### Langara College

Post-Degree Diploma

Web and Mobile App Development

Vancouver, BC

Jan 2020 - Apr 2021

Awards: Dean's Honour Roll (in all semesters)

### American University

Bachelor of Business

Administration Dual Degree

Program

Majored in Marketing

Washington, DC

Aug 2010 - Jul 2014

### Ritsumeikan University

Bachelor of Business

Administration Dual Degree

Program

Majored in Marketing

Kyoto, Japan

Apr 2010 - Dec 2014

## CERTIFICATIONS

- HTML, CSS, and Javascript for Web Developers certified by Johns Hopkins University
- PHP & MySQL Web Server Side Programming Online Course certified by Udemy
- IELTS General - Score 8.0