

Eriko Iwashita

Crafting accessible and engaging web experiences with precision and creativity

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Recent Projects

E-commerce Web App Nov 2025

- Built a full-stack e-commerce web app using Next.js (React), AWS Amplify, and Stripe API to sell printable PDF productivity templates and hand-drawn icons
- Developed server-side Stripe Checkout endpoints and integrated a secure shopping cart to enable real checkout flows in Test Mode
- Designed a responsive, user-friendly interface and clean layout optimized for desktop and mobile

Reading Tracker App Oct 2025

- Built a responsive reading tracker using ReactJS, Tailwind CSS, and Google Books API to let users search, organize, and monitor their reading progress
- Designed a dynamic system to calculate pages per day, remaining days, and completion rate, storing data persistently in localStorage
- Enhanced UX with light/dark mode, personalized notes and ratings, and a clean, accessible interface for both desktop and mobile

News App Sep 2025

- Developed a dashboard-style web application using ReactJS, Tailwind CSS, and Google News API to browse, search, and bookmark the latest headlines by category
- Integrated OpenWeatherMap API to display real-time global weather data alongside current news content

Skills

Programming Languages

HTML, CSS, JavaScript, TypeScript

Libraries & Frameworks

ReactJS, Next.js, Node.js, Tailwind CSS, Bootstrap, Styled Components

Tools & Platforms

Git, GitHub, Netlify, Firebase, Canva, AWS Amplify, Stripe

Professional experience

Self-employed Apr 2004 – Mar 2025 *Patent Translator*

Translated 400+ patent specifications in the mechanical, electrical, and IT fields from/into English

LMS Japan Sep 1998 – Mar 2003 *Technical Support Engineer*

- Provided technical support for noise/vibration measurement and analysis system
- Localized and tested software interface and documents

Education

Tokyo Metropolitan Institute of Technology Tokyo, Japan *Master of Engineering*

Demonstrated expertise in complex mathematics and mechanics and systems engineering