

# 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

### AI Chat Bot Sep 2025

- Built a responsive AI chat application using ReactJS and OpenAI API (gpt-4o-mini) with light/dark mode and formatted responses
- Implemented localStorage for persistent chat history and Netlify Functions for secure API integration

## 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, Figma, 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