

# Kensuke Seno

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## Summary

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Software development student applying skills through volunteer work and real-world projects. Beyond two official volunteer roles, I've supported local communities and businesses by building and maintaining websites and apps, while developing both technical expertise and collaborative skills.

## Top technical skills

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Languages: JavaScript, Java, C++, C#, PHP  
Database: PostgreSQL, Oracle DB, Microsoft SQL Server  
Other: Next.js, React.js, Spring Framework, GraphQL, WordPress, Tailwind CSS

## Volunteer Experience

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### **Volunteer Web Developer | Calgary Japanese Community Association | 2024/Dec – Present** (Calgary, Canada)

Technologies: WordPress, CSS, WooCommerce

- Integrated an online membership/donation payment system, replacing manual payments and handwritten data entry, improving processing efficiency by 80% and reducing administrative errors.
- Managed website updates, executing 2-4 updates per month, including content revisions, event promotions, and user experience improvements to keep the site current and aligned with organizational goals.

### **Volunteer Full-Stack Developer | Empowered Futures | 2025/May – Present** (Calgary, Canada)

Technologies: TypeScript, Next.js, Tailwind CSS, GraphQL

- Developed a reusable authentication component that integrates multiple OAuth providers, reducing future integration time by 30%.
- Onboarded and mentored 5 new volunteer developers, reducing the onboarding process by 50% and enabling them to make their first contributions within 3 weeks.

### **Web Developer | Local Community and Businesses | 2023/Nov – Present** (Calgary, Canada)

- Single-handedly created a restaurant website, enhancing online presence and engagement. (WordPress, CSS.)
- Develop a responsive, user-friendly business website for a healthcare provider as part of a three-person team (Ongoing project using Next.js, Tailwind CSS).
- Independently develop and host JETAA Southern Alberta's website, providing ongoing technical support and training. (Ongoing, WordPress, PHP, CSS.)

## Work Experience

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### **Backend Software Developer | NIC, Inc. | 2022/Jan –2023/Mar** (Tokyo, Japan)

Technologies: Java, Spring Framework, Oracle DB

- Conducted root cause analysis of bugs in an international banking system, resolving 10+ issues by modifying backend code and optimizing SQL queries to align with system requirements.

## Education & Credentials

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Diploma of Software Development | Bow Valley College | Currently Enrolled

Oracle-certified professional Java developer | Obtained in 2022/Sep

Master's Degree in Mineral Resources Engineering | Hokkaido University | Completed in 2019/Mar