

Kensuke Seno

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Software Developer

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

Top technical skills

Languages: JavaScript, TypeScript, Java, CSS, HTML, Java, C++, C#,

Platforms: Windows, Linux, AWS, WordPress

Database: PostgreSQL, Oracle DB, Microsoft SQL Server

Other: Next.js, React.js, Spring Framework, GraphQL, Git, Tailwind CSS

Top soft Skills

Growth mindset, Strong work ethic, Effective communication, Problem-solving, Teamwork

Experience

Volunteer Full-Stack Developer | Empowered Futures | 2025/May – Present

(Calgary, Canada)

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

- Build full-stack features, including login functionality and updated front-end designs, enhancing user experience and application usability.
- Onboard and mentor new volunteer developers, accelerating their contributions to ongoing projects.

Volunteer Web Developer | Calgary Japanese Community Association | 2024/Dec – Present

(Calgary, Canada)

Technologies: WordPress, CSS, WooCommerce

- Lead integration of online membership/donation payment system, enabling the organization to target a wider audience
- Present system integration progress to the board, gathering feedback to refine project requirements.
- Update and maintain the website to promote events and engage the community.

Additional Contributions | Nonprofits/Small Businesses | 2023/Nov – Present

(Calgary, Canada)

- Develop a responsive, user-friendly business website for [Global Medix Canada](#) as part of a three-person team (Ongoing project using Next.js, Tailwind CSS).

- Independently consult with [JETAA Southern Alberta](#) to gather requirements, develop, and host a website, establishing their online presence and providing ongoing technical support (Ongoing project using WordPress, PHP, and CSS).
- Single-handedly created a website for [Fusion Sushi Ranchlands](#), enhancing its online presence and expanding customer reach (Completed project using WordPress and CSS).

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 issues by modifying backend Java code and SQL queries.
- Completed a 3-month intensive training program covering Windows/Linux operations, hands-on Java coding, database setup and management, and web application development.

Mineral Processing Engineer | Sumitomo Metal Mining Co., Ltd. | 2019/Apr – 2021/Dec

(Ehime, Japan)

- Led on-site experiments at a mineral processing plant to improve process efficiency in collaboration with external partners, including two international companies
- Reported research findings monthly to the department head and other team members
- Presented findings at internal and external conferences
- Tutored new employees in basic experimental and analytical skills

Credentials & Awards

Premier's Community Commitment Scholarship
(Bow Valley College)

Awarded in 2025/Mar

Oracle-certified professional Java developer

Obtained in 2022/Sep

Fundamentals of Engineering
(Chemistry)

Obtained in 2021/Jun

Education

Diploma of Software Development
(Bow Valley College)

Currently Enrolled

Master's Degree in Mineral Resources Engineering
(Hokkaido University)

Completed in 2019/Mar

Bachelor's Degree in Socio-Environmental Engineering
(Hokkaido University)

Completed in 2017/Mar