

Roseak Lin

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Technical Skills

Languages: Java, C/C++, Python, HTML, CSS/SCSS, SQL, JavaScript/TypeScript

Frameworks, Libraries, and Technologies: React, NextJS, Node, Bootstrap, Express, Socket.io, Java Spring, MongoDB, Cassandra, mySQL

Developer Tools: Git, GitHub, GitLab CICD, Jira, Confluence, Kubernetes, Jenkins, SonarQube, Docker, Postman, Maven, Cloudflare

Professional Experience

Software Developer Intern

May 2024 – August 2025

London, ON

J.D Power

- Resolved over **100 unique CVEs** across more than 30 services, libraries, and ETLs, resulting in an over **90% drop in vulnerabilities** in projects the team managed
- Engineered a custom **Java test suite** for an internal code generation tool used in **20+ projects**, and **integrated it with GitLab CI/CD** to streamline testing and accelerate deployments
- Contributed to a team-led R&D project focused on **integrating AI-driven tooling** into developer workflows, developing **IntelliJ Gradle plugins**, and delivering findings to support a company-wide rollout
- Led the research and refactoring of Java Spring Boot microservices and libraries to facilitate a major NoSQL database migration from Cassandra 3 to 4; **authored migration documentation** adopted team-wide, enabling up to a **2x throughput increase** during the production rollout
- Streamlined deployment of 10 microservices **using Jenkins and Rancher to automate CI/CD** and maintain Kubernetes consistency

Web Developer Intern

May 2022 – July 2022

Mississauga, ON

Sinai Foundation Canada

- Strategized and deployed **React based UI** components, **enhancing site-wide accessibility and visual consistency** across the platform's primary user-facing pages
- Revamped the site with a fresh theme, implementing a responsive design on **over 20 components** using **Bootstrap and SCSS**
- Redesigned the codebase with modular components and a JSON-based parsing workflow, eliminating inline text dependencies and **improving data organization and maintainability** through the creation of 10+ structured JSON files
- Leveraged react-snap to implement pre-rendering, **optimizing search engine optimization (SEO)** and metadata visibility to **ensure 100% content indexability** across major search engines and social platforms

Projects

Spotishare

- Built a **React based Spotify-synced music party app** supporting **real-time chat and playback syncing for 10+ users**, reducing latency via socket-based architecture
- Designed and implemented responsive layouts with **CSS media queries and Bootstrap**, improving **usability and accessibility** across mobile and desktop platforms.
- Integrated app with Spotify using the **Spotify Web Playback SDK** and **Spotify Web API** with **JavaScript**

Personal Portfolio & Photography Showcase

- Developed a high-performance Single Page Application (SPA) using **Next.js, Typescript, and Tailwind CSS**, featuring a modular architecture to showcase software projects and professional experience.
- Architected a scalable media delivery system by integrating **Cloudflare R2 object storage**, enabling the efficient hosting and retrieval of high-resolution photography assets from a personal portfolio.

Education

Western University

September 2021 - May 2026

BSc, Specialization in Computer Science

Dean's Honour List (2022, 2023, 2024)

Cumulative GPA: 3.9/4.0

Relevant Coursework: Distributed Systems, Data Structures and Algorithms, Computer Networks, Computer Organization and Architecture, Object Oriented Design and Analysis, Operating Systems