

# Roseak Lin

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## Technical Skills

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

**Frameworks, Libraries, and Technologies:** React, NextJS, Node, Bootstrap, Express, Socket.io, Java Spring, MyBatis, S3, Mongo, Cassandra, MySQL

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

## Professional Experience

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### Software Developer Intern

May 2024 – August 2025

*J.D Power*

*London, ON*

- 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
- Leveraged **Jenkins and Rancher for Kubernetes** management to deploy services, debug issues, and monitor resource usage and performance

### Web Developer Intern

May 2022 – July 2022

*Sinai Foundation Canada*

*Mississauga, ON*

- 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 and Awards

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### 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**

### Canadian Computing Competition, Certificate of Distinction

- Scored in the **top 25%** in a national coding competition focused on data structures and algorithms, receiving award for junior (2020) and senior (2021) competition

## Education

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### Western University

September 2021 - May 2026

*BSc, Specialization in Computer Science*

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

Cumulative GPA: 3.9/4.0