

# Roseak Lin

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## TECHNICAL SKILLS

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

**Frameworks:** React, Node, Bootstrap, Express, Socket.io, Java Spring/Springboot, MyBatis

**Developer Tools:** Git/GitHub, GitLab CI/CD, Figma, Balsamiq, MongoDB, Jira, Confluence, Rancher for Kubernetes, Jenkins, SonarQube

## 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
- 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
- Spearheaded the migration of 10+ services and libraries from Cassandra 3 to Cassandra 4, resulting in a 2x throughput increase and delivering comprehensive migration playbooks for the team
- Developed and maintained many services and shared utility libraries using a variety of frameworks such as Spring Boot, Swagger OpenAPI, and MyBatis
- Leveraged Jenkins and Rancher for Kubernetes management to deploy services, debug issues, and monitor resource usage and performance

### Web Developer and Designer Intern

May 2022 – July 2022

*Sinai Foundation Canada*

*Remote*

- Led, strategized, and executed projects aimed at enhancing the user interface (UI) and accessibility of the website utilizing ReactJS and SCSS
- Revamped the site with a fresh theme, implementing a responsive design on over 20 components using Bootstrap and SCSS
- Refactored the codebase by implementing modular sub-components and integrating a content parsing function, transitioning from inline text to JSON files and generating more than 10 new JSON files for streamlined data organization
- Improved and optimized SEO using React Snap by refining metadata visibility for web crawlers, with a special emphasis on optimizing for Facebook crawlers, given the company's significant activity on the platform

## PROJECTS AND AWARDS

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### Spotishare | *JavaScript, React, Node, ExpressJS, SCSS, Bootstrap, Git*

- Created a music listening party web app with real-time syncing and live text chat using ReactJS and a NodeJS/ExpressJS server
- Leveraged CSS media queries and Bootstrap dynamic grid layouts to create a responsive web application, compatible on desktop and mobile devices
- Integrated app with Spotify using the Spotify Web Playback SDK and Spotify Web API with JavaScript

### Sketchy Studios | *React, SCSS, Node, Socket.io, Bootstrap, Figma*

- Spearheaded front end design and development using React and assisted back end development using Express JS and Socket.io, completing the project in under 36 hours with a group of 4 for the 2021 Hack the North hackathon
- Developed and partitioned landing, lobby, and game pages using React Router, while leveraging Bootstrap to ensure uniform page formats

### Canadian Computing Competition, Certificate of Distinction | *Java, C++*

2020, 2021

- 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 - April 2026

*BSc, Specialization in Computer Science*

Dean's Honour List (2021, 2022, 2023)

Relevant Courses: Intro to Computer Science, Data Structures and Algorithms, Discrete Math, Computer Science Proofs, Operating Systems, Intro to Software Engineering, Discrete Structures for Computing, Databases