

SANGWOOK LEE

647-928-8740 leesangwook4517@gmail.com [linkedin.com/in/lee-sangwook](https://www.linkedin.com/in/lee-sangwook) www.sangwook.ca

SKILLS

Technologies React, PostgreSQL, .Net, MySQL, GCP, NodeJS, Docker
Languages C#, TypeScript, JavaScript, HTML, CSS, Java, PHP

EXPERIENCE

Software Engineer Consultant September 2025 - Present
FDM *Richmond Hill, ON*

- Strengthening expertise in **OOP, SQL, Spring, React, GCP, and Docker** to deliver effective, scalable software engineering solutions for clients

Project Manager August 2025 - September 2025
Mecka AI *Richmond Hill, ON*

- Spearheaded improvements to Mecka AI's **internal web application**, streamlining the data collection workflow and reducing operational inefficiencies by **30%**
- Oversaw **budget allocation, vendor relationships, and resource planning** for **3+** concurrent projects

Software Developer Intern September 2023 - August 2024
Geotab *Oakville, ON*

- Improved **REST API** call response times by **78%** and resolved potential security vulnerabilities by restructuring endpoints and associated DTOs with **C#** and **.Net**
- Contributed to the migration of over **2500+** lines of legacy **AngularJS** code to **React** and **TypeScript**, enforcing consistency and readability standards
- Reduced data search load times by **75%** via implementing server-side cursor-based pagination with **React** and **PostgreSQL**
- Optimized background process **PostgreSQL** queries by **90%** via streamlining JOIN operations, and identifying and implementing **5+** new indexes

Software Engineering Intern April 2022 - December 2022
Codepxl Inc. *Toronto, ON*

- Designed and developed **data manipulation algorithms** using **MySQL** and **PHP**, resulting in a **10x** improvement in table management processes on a production database
- Developed **over 70** frames of custom **Figma** UI and their core functionality using **JavaScript** and **CSS**, delivering high-quality pages that exceeded the client's requirements
- Built secure and efficient **REST APIs** for user authentication and access control using **Laravel Passport**, meeting industry-standard **OAuth2** requirements

EDUCATION

University of Toronto - Honours Bachelor of Science, Computer Science Sept 2019 - June 2025

PROJECTS

Minesweeper Together [Link](#)
Personal project to make a multiplayer minesweeper with React, with all the bells and whistles of classic minesweeper

- Created a responsive **online multiplayer** system with **real-time** gameplay and dynamic **room-based sessions** for connected players using **Socket.io** and **Express**
- Used **Redux** to optimize client-side data flow, enabling consistent state synchronization