

# AKUL SAREEN

## Frontend Developer

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## Summary

Engineering Intern with a strong foundation in frontend development, and MERN Stack. Skilled in extracting insights from data and building efficient solutions, with hands-on experience in ReactJs, NextJs. Eager to apply analytical and technical skills to drive business solutions as a Frontend Developer at Lyft

## Education

### York University

Bachelor of Science and Specialized Honours in Computer Science

Toronto, Ontario

Sep 2021 – Dec 2025

## Technical Skills

**Programming Languages:** SQL, Python (Pandas, NumPy), Java, TypeScript

**Developer Tools:** Unix/Linux, Shell Scripting VS Code, Eclipse, GraphiQL

**Collaboration Tools:** Git, GitHub

**Technologies/Frameworks:** GraphQL, MongoDB, Express, React, Node.js, Servlet, Docker, JUnit

**Visualization Tools:** Matplotlib, Tableau, QuickSight

## Experience

### Engineering Intern

Jul 2024 – Present

Reefers Inc. Technologies | Figma, SQL, Python, React, Google Scholar

Toronto, Ontario

- Conducted detailed research and analysis on energy efficiency technologies, translating complex findings into actionable insights for business and technical teams.
- Developed the design for future web projects of the company, ensuring a seamless user experience and better search engine optimization
- Assisted in the analysis and review of technological articles, contributing to the development of new prototypes

### Frontend Developer

Aug 2023 – Apr 2024

Infiniguard in partnership with York University | React, TypeScript, JavaScript, Node.js

Toronto, Ontario

- Spearheaded the development of a mobile-responsive React web application for the [EmpowerU](#) capstone project.
- Leveraged [Github](#) and MS Office for seamless team collaboration with cross-functional teams to achieve integration and assessed user interactivity for better mobile responsiveness.
- Achieved a notable 15% increase in user engagement for better client experience.

## Projects

**MyPortfolio** | [GitHub](#) Next.js, TypeScript, Tailwind CSS, Framer-motion, React-spring

May 2024

- Implemented UX-focused smooth, interactive animations using Framer Motion and React Spring.
- Developed with TypeScript for type safety and improved code quality.
- Ensured seamless mobile responsiveness with Tailwind CSS.

**Akul's Chess Application** | [GitHub](#) | React, TypeScript, Node.js, WebSockets

Apr 2024

- Developed a real-time multiplayer chess game using Chess.js library.
- Ensured type safety and code quality with React and TypeScript.
- Implemented reliable gameplay with WebSockets.

**Course Announcement Application** | [GitHub](#) GraphQL, MongoDB, React, Node, JavaScript

May 2024

- Built an announcement application allowing CRUD operations with GraphQL queries.
- Customized root queries and mutations for data alteration.
- Designed mobile-friendly UI for enhanced user experience.

**Library Management GUI** | [GitHub](#) Java, Junit5, Swing, Randoop

Apr 2024

- Designed an Inventory Management System with Factory and Observer pattern.
- Implemented robust GUI supporting log-in and purchase operations.
- Achieved extensive test coverage with Junit-5 and Randoop.

## Certifications

[SQL and PostgreSQL: Complete Developer's Guide](#) - Udemy, 2023

[Version Control](#) - Coursera, 2024

[Problem Solving](#) - HackerRank, 2024