

William “Liam” Lokaisingh

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EDUCATION

Software Development & Network Engineering
Sheridan College, Oakville, ON

January 2023 – April 2026

ACADEMIC PROJECTS

FindIT – Indoor Navigation Platform (2nd Place, Capstone Competition)
Spring Boot | React | SQL | REST APIs

November 2025

- Developed backend components and REST APIs for real-time navigation and data retrieval
- Designed and queried relational databases to support structured location data
- Built frontend features integrating live API data and user interactions
- Collaborated in an Agile team to design, implement, test, and deliver a full-stack solution

WORK EXPERIENCE

Full-Stack Developer
Sheridan College, Brampton, ON

January 2026 – April 2026

- Developed backend services and system components for a centralized image management platform used across 2 applications (100+ users)
- Implemented secure authentication and database structures, ensuring reliable data access and integrity
- Performed debugging and break/fix enhancements to improve application stability and performance
- Participated in code reviews and ensured adherence to coding standards and quality practices

Full-Stack Developer
Cloud2 Software Inc., Mississauga, ON

July 2024 – Present

- Improved software quality across 10+ services by resolving 200+ SonarQube issues and increasing test coverage from 0% to 85%
- Developed and maintained backend services and APIs using Java and Spring Boot (aligned with enterprise application design)
- Wrote and optimized SQL queries to support application features and data operations
- Diagnosed and resolved production issues, contributing to stable releases and reduced defects
- Collaborated in Agile teams using Git (branching, pull requests, code reviews) to deliver features and enhancements

Software Engineering Research Assistant
Healthcare Systems Research & Analysis Inc., Waterloo, ON

May 2025 – July 2025

- Developed Python scripts for large-scale data validation and processing in cloud-based pipelines
- Ensured data accuracy, consistency, and reliability across structured datasets
- Assisted in testing and validating system outputs to improve data quality and reproducibility

TECHNICAL SKILLS

- **Languages & Frameworks:** Java | Spring Boot | TypeScript | React | Python
- **Backend & Data:** REST APIs | SQL | Data Modelling | Data Validation | Backend Services
- **Tools & DevOps:** Git | Docker | Jenkins | SonarQube | CI/CD
- **Practices:** Object-Oriented Programming | Debugging | Unit Testing | Agile/Scrum | Code Reviews
- **Cloud Platforms:** AWS | Azure