

# Lakshya Kalia

Open Work Permit | Willing to Relocate

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I am a software developer with four years of experience in frontend and backend technologies, specializing in scalable applications, user-centric design, API integration, and optimized system architecture.

## EDUCATION

### Concordia University

*Masters of Science in Applied Computer Science, GPA: 3.3/4.3*

Montreal, QC, Canada

*Sep 2022 - May 2024*

## SKILLS

**Languages:** Java, Python, C++, C, JavaScript, TypeScript, HTML, Tailwind CSS

**Database:** SQL Server, MySQL, NoSQL, MongoDB

**Frameworks:** Angular, React, Next.js, RxJS, Spring Boot and Hibernate, Node.js, JUnit, Numpy, Django, Flask

**Other tools:** Git, GitHub, GitLab, JIRA, Postman, Agile, Socket.io, Zustand

**Testing/QA Skills:** Performance Testing, Functional Testing, Test Automation, UAT, SDLC, STLC

## WORK EXPERIENCE

### Concordia University

*Technical Support & Systems Management*

Montreal, Canada

*Feb 2023 - Jan 2025*

- Diagnosed and resolved technical issues related to **software, networks, and system performance**, ensuring smooth IT operations for faculty and students.
- Gained hands-on experience with system administration and troubleshooting, enhancing **analytical thinking** and technical **debugging** skills applicable to software development.

### CG Infinity

*Full Stack Developer*

Noida, India

*July 2020 - July 2022*

- Migrated legacy **MVC architecture** to an **Angular** application for Alliant Group, improving performance by 40%, and redesigned Shell Energy's Partner and Pricing Portal using **ASP.NET** Web Forms to enhance site reliability.
- Developed a robust **CMS** and a realtor website for Camillo Properties using **Angular, Node-RED, and SQL**, enabling 90% faster content updates and boosting business revenue by 30% through **API integration** and optimized property management.

### CG Infinity

*Software Developer Intern*

Noida, India

*Sep 2019 - June 2020*

- Utilized **Node.js, MongoDB, HTML/CSS, AJAX** and **JQuery** to develop the CG Infinity Portal, streamlining the hiring process.

## PROJECTS

- Whispr:** Built a real-time chat app using **React, Node.js, and Socket.io**, with **Zustand** for state management and **Tailwind CSS** for a sleek UI. Implemented real-time messaging, interactive UI elements with Lucide React, and smooth notifications via **React Hot Toast** for an enhanced user experience.
- DealMart - An Ecommerce Website:** Developed a comprehensive e-commerce platform using **Java, React.js, Spring Boot, and Hibernate**, with **MySQL** as the database. The platform features seamless user authentication, intuitive product browsing, efficient cart management, real-time order tracking, and interactive product rating and review capabilities.
- Classification of Plant Leaves Classification using Computer Vision and Deep Learning:** Collaborated on the classification of plant leaves using **Python** and **TensorFlow**, incorporating **NumPy** for data manipulation and **Matplotlib** for visualization. The project involved image pre-processing, data augmentation, and transfer learning to optimize model performance, achieving higher accuracy and reduced overfitting.
- Roboprof:** Developed a virtual assistant using **Python, RASA, and SpaCy**, integrating **knowledge graphs** and **natural language processing (NLP)** to facilitate student access to university information through conversational AI.