

Kalan D'Souza

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EDUCATION

Trent University

B.S. HONOURS IN COMPUTER SCIENCE with a Specialization in Software Engineering

Sept 2022 - April 2026
Peterborough, ON

- Relevant Coursework: Data Structures & Algorithms; Programming for Computer Science; Web Development; Computer Organization; Software Design; Data Science.

WORK EXPERIENCE

Lorex Technology Inc | *IT Intern*

June 2023 - Sept 2023
Markham, ON

Front-End Software Development

- Developed and integrated the front-end of the KPI (Key Performance Indicator) process into Lorex's Cloud Management System using **Angular, Node.js, TypeScript, HTML, CSS** and VS Code
- This platform centralized KPI access and submissions, facilitated efficient managerial actions, and provided HR with a streamlined approach to tracking employee KPIs.
- Drastically reducing the administrative burden on HR and cutting down on email communication time by **optimizing the company's performance evaluation process** through the design and implementation of a mock KPI-CMS platform.

IT Operations

- Designed and implemented an automated resource request system using Microsoft Forms, SharePoint, and Power Automate, **streamlining the resource request process** and reducing response times by automating approval workflows.
- Developed an automated on/off boarding system, cutting process time by **50%**, and enhancing organizational efficiency through **seamless employee transitions**.
- Created an information-sharing platform to foster communication between Lorex and parent company, Skywatch, **streamlining the evaluation of business opportunities** and providing a centralized platform for product management teams.

Lorex Technology Inc | *Product Management Intern*

June 2022 - Sept 2022
Markham, ON

- Conducted in-depth **UX testing** for Lorex and competitor products, executed mobile app test plans, and provided actionable feedback, **enhancing user experience for millions of users**.
- Created Excel catalogs for **25** Lorex products, enhancing specification accessibility and reducing product comparison time by **80%**.
- Documented and presented feedback on packaging, design, unboxing, onboarding, and in-app experiences for product improvements.
- Identified and reported errors on the company's website to ensure optimal functionality.
- Collaborated with the social media team to launch Lorex's first TikTok post, expanding advertising reach and targeting a new audience.

SKILLS

LANGUAGES Javascript, SQL, Typescript, HTML, CSS, C#, Python, Java

TOOLS/Frameworks GitHub, Angular, Tailwind CSS, Node.js, Express.js, VS Code, Brackets

PROJECTS

Kalan's Web Store - github.com/KalanDSouza/Web-shop

July 2023

- Developed a full-stack web store with payment and shipping processing using **Angular, TypeScript, Node.js, Express.js, HTML and CSS**. Integrated Stripe and fake store API. Utilized Angular's Mat Module Component Library and Tailwind.

Personal Website - kalandsouza.github.io/Portfolio/ (Ongoing)

- Web application highlighting my experiences, projects and fun facts about myself using **HTML and CSS**.