

Jaya Lohana

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EDUCATION

York University

Bachelor of Arts in Computer Science

Toronto, ON

January 2022 – April 2026

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript

Frameworks: React, Node.js, Next.js

Tools: Bootstrap, pyGame, Git, Github, JUnit, Figma, GraphQL

EXPERIENCE

QA Analyst

April 2024 – Present

Transformers Academy

Toronto, Canada

- Led the deployment of automated testing tools to streamline content validation processes, reducing manual testing time by 40% and enhancing overall content accuracy.
- Pioneered a feedback integration system that captures real-time user interactions, providing critical insights that have led to a 25% improvement in user satisfaction scores.

Software Developer

September 2022 – Present

Schizophrenia Society at York

Toronto, Canada

- Led the overhaul of the club's website with React, Next.js, and Tailwind CSS, implementing a modern design to improve user experience.
- Utilized Bootstrap for responsive design components, ensuring a seamless user experience across devices.
- Enhanced user engagement by 20% and increased website traffic by 15%, broadening the reach of the society's initiatives.

PROJECTS

Notably 🦾 — TypeScript, React.js, Node.js, MongoDB

- Leveraged TypeScript for static type checking, ensuring robust and maintainable code throughout the development process.
- Designed an interactive task and note management application using React.js for the frontend, Node.js for backend scalability, and MongoDB for data storage, ensuring a smooth user experience.

CoWrite 🦾 — TypeScript, Socket.io, React.js, MongoDB

- Developed a collaborative document editing platform using React.js, facilitating simultaneous editing by multiple users.
- Implemented live updates using Socket.io, utilized Quill for the editing interface, Material-UI for the user interface design, and MongoDB for backend data storage.

LEADERSHIP

STEMing Up Program Intern

May 2023 – Present

Her Volution

Toronto, Canada

- Provided mentorship to 10 volunteers and interns, promoting active participation in outreach activities.
- Orchestrated the planning and execution of 5 community events, leveraging leadership skills to foster a collaborative environment.
- Boosted community engagement and awareness of STEM opportunities, with each event attracting an average of 200 participants.

TechLead

September 2023 – Present

Google Developer Student Club — York University

Toronto, Canada

- Conducted weekly coding workshops, resulting in a 30% increase in participants.
- Successfully collaborated with the Marketing team, resulting in a 20% increase in event attendance and engagement.