

Languages & Technologies

Programming Languages	C++, C, C#, Java, JavaScript, Python, MySQL/NoSQL
Web Development	HTML, CSS, Backend Frameworks (Node.js), Frontend Frameworks (React), REST API Principles, CI/CD, Selenium
Systems and Platforms	Windows, Linux, Microsoft 365, Git, and Visual Studio + Code
Project Management and Frameworks	Agile Methodology, Scrum, JIRA, GitHub, Microsoft Teams

Projects

Manga Scraper	2025
Link	
<ul style="list-style-type: none">Built an automated web scraper using Java and Selenium WebDriver to interact with dynamic web pages and extract manga chapters from complex DOM structures.Created modular test components including custom file choosers, input prompts, and reusable scraping utilities to streamline automation logic.Automated the download of web images through HTTP requests with custom headers to simulate browser behavior and verify successful asset retrieval.	
Portfolio Site	2024
Link	
<ul style="list-style-type: none">Developed a professional portfolio website implementing web development techniques such as CSS, HTML, JavaScript, and frameworks such as React and Express.Containerized both the front-end and back-end using Docker and deployed it using Kubernetes.Implemented conditional rendering using React Hooks with a PostgreSQL database.	
LegoCollection Gallery	2023
Link	
<ul style="list-style-type: none">Applied CRUD operations to manipulate Lego set data in the back-end.Managed Lego set data with Serverless PostgreSQL (Neon) and MongoDB to store login credentials.Applied CSS framework Tailwind for the website styling.	

Education

Computer Programming & Analysis	Seneca Polytechnic
Advanced Diploma	January 2023 – Present 2025

Experience

Ministry of Children, Community and Social Services (MCCSS)	2024 – 2024
Jr Software Engineer	Toronto, Ontario
<ul style="list-style-type: none">Conducted regression, sanity, and exploratory testing while writing comprehensive test cases to ensure application quality.Reported and tracked defects using Azure DevOps, providing clear documentation and collaborating with developers on resolutions.Developed and maintained automated test scripts using Selenium with Java, integrating the Cucumber framework to support BDD practices.Actively reproduced and re-tested bugs to verify fixes, ensuring thorough validation and accurate closure in Azure DevOps.Worked within an Agile Scrum environment, collaborating with cross-functional teams and utilizing a Scrum Board to manage task progress.	