

# Muhammad Furrukh Tanveer

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## EDUCATION

**Ryerson University** | Bachelor of Science (B.Sc) - Computer Science (Co-op)

Expected Graduation 2025

## EXPERIENCE

### Software Engineer Intern

#### Loblaw Companies Limited

Brampton, ON | May 2022 - Present

- Participated in **AGILE/Scrum** using **JIRA** to complete stories among **3 projects** and cross-functional teams
- Operated in **Oracle DB/SQL Developer** to write **complex SQL queries**, subqueries, and joins among tables/schemas.
- Engineered and **deployed CI/CD pipelines** for different lower and upper environments on **Jenkins**.
- Utilized **OpenShift** to monitor services and configure pods and environment variables.
- Engineered **Spring Boot** and **Java** service to calculate replication to **Oracle** using SQL queries and scheduled cron jobs which insert data in tables with **REST APIs improving lag visibility by over 50%**.
- Designed **purging solution** by writing **batch scripts** to purge data daily in **Oracle** and generate alerts with **Autosys** to improve **API performance**.

### Computer Programmer Trainee Co-op

#### Builder Lynx

Toronto, ON | Feb 2019 - Jun 2019

- Operated on **internal cloud-based system** to perform **data loading** and **configuration** to keep client information up-to-date and accurate.
- Communicated with clients through email regarding errors or empty fields encountered while uploading bulks of data to correct any inaccurate information provided and keep clients engaged.
- Reviewed large portions of data through multiple checks to ensure the client's data was uploaded correctly.

### Youth Ambassador

#### Toronto Transit Commission (TTC)

Toronto, ON | Jun 2021 - Aug 2021

- Communicated with individuals in racially diverse communities to gather feedback on the Line 5 Eglinton Project and the general transit system.
- Implemented virtual and physical engagement tactics using **Photoshop** to get **302 survey respondents**.
- Documented and presented findings to the Youth Ambassador team and the TTC Annual Service planners.

## PROJECTS

### Full Stack Tour Booking App | [Node.js](#), [Express.js](#), [PUG](#), [MongoDB](#), [Heroku](#)



- Designed a Full Stack application which allows users to securely login using JWT tokens and book tours.
- Engineered a **RESTful API** with **Node.js/Express.js** to support **CRUD operations** on the **MongoDB** database.
- Developed **Mongoose Schemas** to model tours, users, and bookings.
- Completed data sanitization, parameter pollution, and protection against NoSQL injections/XSS attacks.

### Full Stack Quotes App | [Python](#), [Flask](#), [Vue.js](#), [Bootstrap](#), [Heroku](#), [Netlify](#)



- Utilized **Python** and **Flask** for the backend.
- Performed Web Scraping to fetch data from the API and Wikipedia.
- Utilized **Vue.js** and **Bootstrap** for front-end rendering and styling.

## SKILLS

**Programming Languages:** Java, Spring Boot, Python, JavaScript, Bash, SQL, HTML, CSS

**Tools:** Jenkins, OpenShift, JIRA, GitHub, GitLab, VSCode, IntelliJ, Linux, Powershell, Bash, Postman

**Technologies:** Oracle Database, MongoDB, React, Spring, Node.js, Express.js, SQL Developer