

# Muhammad Furrukh Tanveer

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## SKILLS

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**Programming:** Java, Python, JavaScript, Bash, HTML, CSS

**Tools & Frameworks:** Node.js, Express.js, MongoDB, Git, Sass, Heroku, Firebase, Terminal, Adobe XD

## EXPERIENCE

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**Toronto Transit Commission (TTC) | Youth Ambassador**

**Toronto, ON** | June 2021 - Aug 2021

- Communicated with individuals, particularly youth, in racially diverse communities, to gather feedback on the Line 5 Eglinton Project and the general transit system.
- Implemented virtual and physical engagement tactics to get 302 survey responses from all demographics.
- Documented and presented findings to the Youth Ambassador team and the TTC Annual Service planners.

**Builder Lynx | Computer Programmer Trainee (Co-op)**

**Toronto, ON** | Feb 2019 - June 2019

- Operated on the company's cloud-based system to perform multiple tasks involving 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.

## PROJECTS

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**Full Stack Tour Booking App | Node.js, Express.js, PUG, MongoDB**

[\[ Github, Demo \]](#)

- 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.
- Performed advanced data modelling for embedded datasets such as reviews and locations.
- Utilized PUG templates for server-side rendering and deployed application on Heroku.

**Full Stack Blog App | Node.js, Express.js, MongoDB, Handlebars, Google OAuth, Heroku**

[\[ Github, Demo \]](#)

- Designed a Full Stack blog application where users can post, edit, delete stories and view others stories.
- Utilized Node.js, Express.js, and MongoDB to develop the Backend
- Developed Mongoose Schemas for models and engineered a RESTful API to support CRUD operations.
- Utilized Handlebars.js to develop Frontend and implemented Google OAuth using Passport.js

**MERN Stack Tiktok Clone | React.js, Node.js, Express.js, MongoDB, Firebase, Heroku**

[\[ Github, Demo \]](#)

- Developed a MERN stack application which is a desktop clone of Tiktok that allows users to view posts.
- Utilized Node.js, Express.js, and MongoDB to develop the Backend and to engineer a RESTful API.
- Utilized React.js and Material UI to develop a front-end similar to Tiktok.
- Deployed front-end on Firebase and fetched data from the back-end which is deployed on Heroku.

**Banking Application | HTML, CSS, JavaScript**

[\[ Github, Demo \]](#)

- Static web banking application designed using HTML and CSS, which operates through vanilla JavaScript.
- Permits users to deposit and request money between a series of pre-existing accounts.
- Utilizes JavaScript DOM manipulation to output user data, functions to manipulate and fetch data, and arrays to store and mutate data using (map, filter, reduce).

## EDUCATION

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

**Toronto, ON** | 2020 - Present