

Muhammad Furrukh Tanveer

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SKILLS

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

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

EXPERIENCE

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

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

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

- 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, and delete stories and view others stories.
- Utilized Node.js, Express.js, and MongoDB to develop the back-end.
- Developed Mongoose Schemas for models and engineered a RESTful API to support CRUD operations.
- Utilized Handlebars.js to develop front-end and implemented Google OAuth using Passport.js.

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

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

- Designed a Full Stack application where users can view quotes from current and historical figures.
- Utilized Python and Flask for the back-end.
- Performed Webscraping to fetch data from the API and Wikipedia.
- Utilized Vue.js and Bootstrap for front-end rendering and styling.

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 back-end 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.

EDUCATION

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

Toronto, ON | 2020 - Present