### Ali Usmani

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### Skills

Programming: Javascript, Java, HTML, CSS, XML, VHDL, C, MatLab

Databases: SQL, Firebase, MySQL, MongoDB

Frameworks: React, NextJS, NodeJS, ExpressJS, Spring Boot, Angular

Tools: Android Studio, Git, VS Code, Intellij IDEA, Postman, Multisim, Photoshop, Solidworks, Excel

# **Projects**

#### **Instagram Clone** Website - Github

July 2023 - August 2023

- Developed an Instagram clone containing the main features of the original using ReactJS, Firebase, and Tailwind
- Implemented user profiles, liking, commenting, and following using authentication calls to Firebase
- Utilized Firebase and local storage to implement a login/signup feature and security rules to keep the data secure

#### **Excel Nutrition Tracker Website - Github**

July 2023

- Produced a nutrition tracking website with ReactJS using the XLSX library
- Integrated CalorieNinja API to allow users to find their foods nutritional data
- Enabled users to track and manage their nutrition in a spreadsheet highlighting their daily nutritional info
- Deployed to netlify for easy access

## **Movie Database Project Github**

August 2023

- Developed a full-stack project using Java, ReactJS, Spring Boot, MongoDB, and Postman
- Integrated Movie API for viewing movies, trailers, and reviews
- Protected API calls to MongoDB storage using Spring Boot and then tested using Postman

# **Work Experience**

#### **YMCA of Greater Toronto**

Brampton, ON

Maintenance Technician

June 2022 - Present

- Maintain and troubleshoot pool systems, ensuring safe and correct ratio of chemicals and testing pool motors, filters and pumps
- Perform building/appliance repairs and ensure a clean and safe environment
- Familiar with Metasys BAS for HVAC and pool mechanics control

### **Education**

### **Bachelors of Computer Engineering** (Co-op)

September 2021 - Present

Toronto Metropolitan University (formerly Ryerson) - 4.03/4.33 GPA

<u>Relevant Coursework</u>: Algorithms & Data Structures, Discrete Mathematics, Object Oriented Eng Analysis and Design, Differential Equations and Vector Calculus, Digital Systems, Software Systems