Ali Usmani

[Portfolio](#) • [Github](#) • [LinkedIn](#) • [Email](#) • Brampton,ON • (647) 676-5425

Skills

Programming: Javascript, Java, HTML, CSS, XML, VHDL, C, MatLab
Databases: SQL, Firebase, MySQL, MongoDB
Frameworks: React, NextJS, NodeJS, ExpressJS, Spring Boot, Angular
Tools: Git, VS Code, GSAP, Android Studio, Postman, Multisim, Illustrator, Solidworks, Excel

Projects

Instagram Clone   July 2023 - August 2023
Technologies used: **React JS, Firebase, Tailwind**   [Website](#) - [Github](#)
- Developed a responsive Instagram clone with the original's main features using Firebase for the backend
- Collected, encrypted, and stored user data using Firebase and local storage for a login/signup feature
- Manipulated data gathered from authentication calls to firebase to display and update user posts, likes, and comments
- Implemented lazy loading and react loading skeletons to efficiently render content and minimize page load times

Excel Nutrition Tracker   July 2023
Technologies used: **React JS, Tailwind**   [Website](#) - [Github](#)
- Created a nutrition tracking website for users to manage their nutrition in a spreadsheet using the XLSX library
- Utilized and positively reviewed by many members of the YMCA for its effectiveness in calorie tracking
- Integrated CalorieNinja API to fetch and display the nutritional facts of foods users search for
- Employed XLSX library to collect and manipulate API data to present daily nutrition in a spreadsheet format

Movie Database Project   August 2023
Technologies used: **React JS, Java, Spring Boot, MongoDB, Postman, Tailwind**   [Github](#)
- Developed a full-stack project using OOP principles in Java that allowed the user to view and review a variety of movies from MongoDB database
- Implemented secure API calls to MongoDB using Spring Boot, ensuring data integrity and access control
- Tested API functionality using Postman

Work Experience

YMCA of Greater Toronto   Brampton, ON
Maintenance Technician   June 2022 - Present
- Troubleshoot pool systems, ensuring correct chemistry of pool water as well as testing pool motors, filters and pumps
- Communicated with my team and coworkers regularly to simplify workflow for each other
- Perform building/appliance repairs and maintain a clean and safe environment
- Operated Metasys BAS system to control and regulate HVAC and pool mechanics

Education

Bachelors of Computer Engineering   (Co-op)   September 2021 - Present
Toronto Metropolitan University (formerly Ryerson)
- CGPA: 4.03/4.33 GPA
- Expected Graduation: May 2025
- Relevant Coursework: Algorithms & Data Structures, Discrete Mathematics, Object Oriented Eng Analysis and Design, Differential Equations and Vector Calculus, Digital Systems, Software Systems