

Aun Raza

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Education

- **Centennial College of Applied Arts and Science** **Toronto, ON**
Advanced Diploma, Software Engineering Technology
Relevant Courses: Software Systems, Data Structures and Algorithms, Computer Networks
Sep. 2020 – Dec, 2023
- **FreeCodeCamp** *Sep. 2023 – Present*
Responsive Web Design, Front End Development Libraries, Back End Development and APIs

Skills

- **Tools and Programs:** Visual Studio Code, Git, ESLint, TypeScript, ChatGPT
- **Back-End:** NextJS, Node, Express, GraphQL MySQL, MongoDB, Jest
- **Front-End:** HTML5, CSS3, JavaScript (ES6), React, Redux, TailwindCSS

Projects

- **Pixel Habit Tracker (MongoDB/React/GraphQL)**
Built an alternative gamified habit tracking application using GraphQL stack. Pixel Habit Tracker encourages users to maintain their habit streaks through a rewarding points system.
 - Utilized GraphQL's real-time subscriptions to display the correct dates based on user's location and time, ensuring accurate habit tracking across global users.
 - Incorporate Chart.ts to provide visually compelling graphs and charts, giving users a rich, real-time depiction of their overall statistics.
- **JS-Quiz (MongoDB/Express/React/Node)**
Developed a comprehensive MERN quiz app to prepare users for technical interviews. JS-Quiz supports Multiple-Choice and True-False format.
 - Implemented JWT (JSON Web Token) for authentication and authorization, enabling secure and reliable CRUD operations for administered users.
 - Incorporate the Jest Testing Framework to maintain high-quality code, reducing bugs and defects throughout the software life cycle.
- **NoteDev (NextTS/React/MySQL)**
Developed a versatile note management application tailored for web development enthusiasts and individuals seeking a simplified user experience.
 - Implement debounce techniques to enhance application efficiency for database operations, optimizing user interactions, and reducing unnecessary processing.
 - Leverage Prisma as the ORM to facilitate seamless interactions between the app and the MySQL database, ensuring efficient and reliable data operations.

Clubs & Associations

- TorontoJS
- Ontario Agile Transformation
- Maple Code