

# Aun Raza

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## Objective Statement

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Enthusiastic and committed web developer seeking to leverage my strong problem-solving skills and passion for software in a role that encourages innovation and growth. Committed to creating high-quality, impactful solutions that benefit customers and businesses. My ultimate goal is to grow and develop, constantly striving to be the best version of myself, so I can make significant contribution to our fast-changing society.

## Education

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

## Technical Skills

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- Tools and Programs: Visual Studio Code, Git, ESLint, ChatGPT, Jenkins, Docker, AWS
- Back-End: Node, Express, Python, SQL, MongoDB, Jest
- Front-End: HTML5, CSS3, JavaScript (ES6), TypeScript, React, EJS, Bootstrap 5, TailwindCSS

## Engineering Projects

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- **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.js 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.
- **ChatSphere (MongoDB/Express/React/Node)**  
Constructed a secure chat application ensuring user privacy through encrypted messages.
  - Employed WebSockets for real time bi-directional communication between users, delivering instant messages and online status updates.
  - Utilized MongoDB for persistent message storage, ensuring users can receive and read the latest messages when they connect.

## Clubs & Associations

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- TorontoJS
- Computer Science and Software Development of New York
- Ontario Agile Transformation