Muzzamil Raza

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Education

Forman Christian College

- Bachelor of Science in Computer Science (3.3 CGPA).   08/2018 – 06/2022

Relevant Coursework

- **Computer Science:** Data Structures, Algorithms, Operating Systems, Programming Languages and Their Implementation, Android Development, Databases, Human Computer Interaction, Data Mining, Software Quality Assurance, Compiler Construction, Computer Networks, Artificial Intelligence

Work Experience

CarbonTeq, *Software Engineer*   07/2022 – Present

- Working on development of a product, which will be used for live streaming and broadcasting.
- Adding multiple features and stream optimizations for better performance and user experience.
- Currently utilizing React, Next.js, WebRTC, Three.js for developing the frontend of application.

Pursue Today, *Software Engineering Intern*   08/2021 – 11/2021

- Learned the industry level concepts of web programming under the mentorship of senior software engineers.
- Transformed a UI design into a complete working portfolio website using React, Next.js, Node.js.
- Utilized ES6 JavaScript with React, Next.js, Redux Toolkit and Express.js.

Forman Christian College, *Information Technology Intern*   07/2019 – 09/2019

- Assisted the IT department by correctly sorting and cleaning the student data in the database.
- Worked with the RFID university card processing team in registering new university cards.
- Gained exposure to dealing with students, parents, and other staff members.

Projects

Autonomous Campus Delivery Robot, *Final Year Project*   09/2021 – 06/2022

- An autonomous robot powered by Raspberry Pi, built for delivering items over short distances using computer vision.

Realtime Chat Application, *Mobile App Development Project*   01/2022 – 02/2022

- WhatsApp Clone Application, developed using Android Studio and Firebase

Crime Reporting Application, *Mobile App Development Project*   11/2021 – 12/2021

- It is used to report crime using places API and real-time updates using Firebase.

Hacking Android Using Metasploit, *Information Security Project*   05/2021 – 06/2021

- Used Metasploit framework to add a payload in an android apk file.

Technical Skills

Proficient Languages & Frameworks: Java, Python, JavaScript/TypeScript, React, Redux, Node.js, Next.js, SQL

Knowledgeable Languages & Frameworks: Rust, C/C++, R

Tools: Git, Linux, JUnit, Firebase, Selenium, Metasploit, Nmap, Wireshark