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# Muhammad Ali

## Education

- Bachelors in Computer Science (4th Semester)  
NED University of Engineering & Technology  
Current CGPA: 3.83  
2022-2026
- Intermediate (Pre-Engineering)  
Board of Intermediate Education, Karachi  
Grade Acheived: A+/ 94.64%  
2020-2022

## Skills

- React.js
- Express.js
- Node.js
- MongoDB
- JavaScript
- C++
- Python
- Html
- CSS
- Microsoft Office

## Projects

- [Chatting Web Application](#)
- [Coding Club Design](#)
- [Typing Game](#)
- [Registration Form](#)
- [Meal Generator](#)
- [Exchange Rate Calculator](#)
- [Hangman Game](#)

## About Me

- Pursuing a Bachelor's in Computer Science at NED University, Karachi, with a strong passion for web development.
- Proficient in HTML, CSS, JavaScript, and React.js for frontend development.
- Currently developing skills in backend and databases, using Express.js, Node.js and MongoDB.
- Focused on enhancing problem-solving abilities, with a foundation in C, Python, and JavaScript programming.
- Advanced knowledge of Object-Oriented Programming and Data Structures in C++.
- Aspiring to create faster, more scalable applications with improved performance and reduced resource usage.
- I have recently created a chatting application with MERN stack and Socket.io to enhance my web-development skills.

## Work Experience

### Web Development Internship

NCL - NED    Sept 2023 - Oct 2023

- Designed and implemented a Sensor Management System during internship.
- Featured real-time sensor data visualization and tracking.
- Utilized React.js for the dynamic frontend.
- Employed Node.js and Express.js for a secure backend.
- Utilized MySQL database for efficient data storage.
- Seamlessly integrated with Arduino-based sensors.
- Ensured a user-friendly interface using Bootstrap.
- Key features included real-time sensor data monitoring.
- Implemented a responsive UI design.
- Provided an intuitive dashboard for data analysis.

## Certifications

- [Backend Using Node.js and Express | IBM](#)
- [Frontend Using React | IBM](#)
- [Advanced React | Meta](#)
- [React Basics | Meta](#)
- [Programming With JavaScript | Meta](#)
- [Python Programming | CodeHS](#)