Adnan Rasool

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Education

UPES Dehradun, India	Aug 2022 - June 2026
Bachelors of Technology in CSE – Cloud Computing	CGPA: 7.7/10.0
Maa Bharti Sr. Sec School, India	March 2020 - May 2021
CBSE Higher Secondary Certificate	Percentage: 80/100.0
Aditya Birla Public School, India	March 2018 - May 2019
CBSE Secondary School Certificate	Percentage: 88/100.0

Internship

Social Intern	June 2023 – Aug 2023
SAMARTH Foundation	Lucknow, India

- Contributed towards community upliftment initiatives.
- Awarded Letter of Recommendation for excellent performance.

Projects

"DevConnect – Real-Time Collaborative Coding Platform	**Present-2025**

- **Tech Stack:** Node.js, Express.js, React, MySQL, WebRTC, WebSockets, Piston API
- Built a collaborative platform enabling real-time code editing with integrated audio/video calls and live execution across multiple languages.
- Developed a synchronized editor using CodeMirror, enhanced with a digital whiteboard and built-in chat to streamline communication.
- Leveraged WebSockets for seamless real-time interaction and Piston API for dynamic code compilation and execution.

" Classroom Vacancy Management System "	**Aug 2024-Dec 2024**

- **Tech Stack:** C/C++, Java, HTML, CSS, Node.js
- Engineered a dynamic classroom booking system for administrators, faculty, and students to efficiently manage scheduling and room availability.
- Integrated an FCFS-based priority algorithm to allocate rooms while minimizing scheduling conflicts.
- Enabled role-based access control with real-time update notifications and dedicated portals for faculty and students

Skills

Programming languages: C, Java, JavaScript	**Web Technologies**: HTML, CSS, JavaScript
Soft Skills: Communication, Leadership and Teamwork	**Miscellaneous**: MySQL, Git, GitHub, VsCode, Aws

Technical Certifications

- AWS Academy Graduate - AWS Academy Introduction to Cloud Semester 1
- AWS Academy Graduate - AWS Academy Introduction to Cloud Semester 2
- AWS Academy Graduate - AWS Academy Cloud Architecting
- Academy Graduate - AWS Academy Cloud Security Foundations