

RAHUL KUMAR

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LinkedIn | GitHub | LeetCode | CodeChef | CodeForces

EDUCATION

Amity University

B.Tech in Information Technology

CGPA: 8.20

Lucknow, India

Sep 2022 – May 2026

EXPERIENCE

One2OneHub | DSA Instructor

Remote, Apr 2025 – Present

- Designed and delivered DSA curriculum with 100+ scripts, quizzes, and visual aids for all skill levels.
- Enhanced learner engagement by 30
- Mentored 300+ students, improving their problem-solving skills and coding challenge performance.
- Collaborated with product team to align curriculum, boosting course completion rates by 20

SKILLS

Programming Languages:	Lan-	C++, Python, C, Java, JavaScript, TypeScript, HTML, CSS
Libraries/Frameworks:		React, Node.js
Tools/Platforms:		Git, GitHub
Databases:		MongoDB, SQL, NoSQL

PROJECTS

Social Media Website | [Link](#)

React.js, Firebase

- Built a social media clone with real-time posts, likes, and comments using React and Firebase.
- Implemented secure Firebase Authentication for email/password and Google OAuth logins.
- Integrated Firestore for real-time database updates and seamless content synchronization.
- Optimized performance with lazy loading and Firestore rules for enhanced security and scalability.

Student Assistance Program | [Link](#)

MERN Stack

- Developed a faculty appointment system using MERN stack for streamlined scheduling.
- Implemented real-time notifications with WebSockets/Socket.io for instant updates.
- Designed intuitive UI with React and Tailwind CSS for seamless booking experience.
- Optimized MongoDB queries to reduce response times for appointment scheduling.

CERTIFICATIONS

- The Complete 2024 Web Development Bootcamp (Udemy)
- Mastering Data Structures & Algorithms using C and C++ (Udemy)
- Learn Ethical Hacking from Scratch (Udemy)