

Second-year BCA (Honours/Research) student at Amity University, Noida with an excellent academic record and a strong interest in web development. Passionate about leveraging technology to build impactful solutions, with a growing focus on artificial intelligence and its real-world applications.

EDUCATION

Amity University, Noida	2023-2027
Bachelors of Computer Applications (Honours/Research)	9.30/10
Manav Sthali School (Central Board of Secondary Education)	
12 th (Senior Secondary Examination)	2023
10 th (Secondary Examination)	2021

SKILLS

- **Programming Languages:** Python, Java, HTML, CSS, JavaScript
- **Android Programming:** Mobile applications, UI/UX design for Android
- **AI & Cloud Tools:** Research on AI's role, Firebase console integration for AI-based applications
- **Databases:** ER Diagram design, database management

ACADEMIC PROJECTS

- **Echobloom - AI-Based Speech Therapy App**
 - Developed an Android app offering AI-powered voice exercises for individuals with speech impairments.
 - Built a web platform enabling therapists to track patient progress and deliver personalized therapy plans.
 - Technologies: Java, Android Studio, HTML, CSS, JavaScript.
- **Hotel Reservation System Application**
 - Designed and implemented a Java-based hotel booking system with a team of five during the 3rd semester of BCA (Honours/Research).
 - Included features for room management, reservation processing, and payment integration.
 - Developed an ER diagram to ensure efficient database structure and management.

PUBLICATIONS & RESEARCH

- **Sentiment Analysis Unveiled: Comparative Insights into Machine Learning Techniques Optimized by PSO and ACO**
Published in Global Journal of Enterprise Information System, focused on machine learning optimization techniques for sentiment analysis.
- **Mitigating Climate Change: The Untapped Potential of Artificial Intelligence**
Selected for presentation at the *International Conference on Emerging Trends in Business Analytics & Management Sciences* and the *57th Annual Convention of Operational Research Society of India (ORSI-2024)* at IIT Bombay, Mumbai, India.

INTERSHIPS

Pan India Internship – UMEED NGO (Volunteer)	Dec'24-March'25
<ul style="list-style-type: none">• Contributed to social initiatives and community engagement activities.• Gained hands-on experience in organizing and managing social impact projects.	

VOLUNTEER EXPERIENCE

- **Student Volunteer - IMC (India Mobile Conference), Science and Technology**
Piloted a social media campaign that increased community center awareness, resulting in several new program participants and establishing the center as a vital community resource.
- **Student Volunteer - IEEE 11th ICRITO, Social Services**
Helped in organizing and hosting the conference. Also provided support in logistical arrangements and attendee assistance.