Kunal Pratap Singh

2005kunalpratapsingh@gmail.com • Sector-4 Vaishali • Ghaziabad • U.P.201010

EDUCATION

2023-2027 B.Tech CSE, Amity School of Engineering and Technology, Noida

CGPA: 8.15

2021–2023 Mothers Global School
Senior Secondary, Physics Chemistry, Mathematics (PCM): 85.2

2019-2020 St. Francis School
Higher Secondary, Percentage: 83.67

SKILLS & CERTIFICATION

Skills:

Proficient in a variety of programming languages, including C++, C, Python, JavaScript, and Node.js. My expertise extends to developing efficient, scalable, and robust solutions, leveraging the unique capabilities of each language to meet project requirements effectively. I am adept at implementing clean code practices and have hands-on experience with both front-end and back-end development environments. I also have a decent grasp of concepts in Data Structures and Algorithms (DSA).

Certifications:

- NPTEL online course on *Python for Data Science* by IIT Madras
- NPTEL online course on *Body Language* by Skill India (*Silver Medalist – Top 5% Rank*)
- Currently pursuing courses in *Machine Learning* and *Deep Learning* using Python and R

WORK EXPERIENCE

Talerang, Chapter President 1st June2022–Present.
 Led the Talerang chapter at Amity University Noida, organizing workshops and training sessions to enhance career readiness and workplace skills for students. Acted as the primary liaison between Talerang and the college, fostering professional development and mentoring peers to bridge the gap between academics and the professional world. Successfully increased student participation and engagement in career-focused initiatives.

CoreCampers, Core member of the Sponsorship Team.

Served as a core member of the Code Campers Club at Amity University Noida, actively contributing to the Development and Sponsorship teams. Collaborated on organizing coding events, technical workshops, and club initiatives aimed at enhancing student engagement in tech-based learning. Played a key role in securing sponsorships, managing logistics, and ensuring the successful execution of various club-led activities.

CURRICULAR & EXTRACURRICULAR EXPERIENCE

Immersive Realities 101: A Guide to AR, VR on Azure ML – February 2024
Certification of completion of this session by Ms. Chhavi Garg.

Microcontrollers – The Brain of Robotics – August 2024
Achieved Third Position; conducted by ESDRC Society.

CODEWARS – 12th September 2024
Participant; organized by VRGD & GDG on campus, Amity University.

Hackfest Competition – September 2024
Participant; organized by GeeksforGeeks & Co.

Microsoft Data Structure & Algorithms Code Conquest – October 2024
Participant; organized by Microsoft Learn Student Ambassador.

National Cyber Cup 4.0 (24-Hour Hackathon) – 18th–19th October 2024
Participant; organized by Amity University Noida.

PROJECTS

Win32 Website (Team Project)
Win32 is a sophisticated web application designed to analyze user-provided medical symptoms, such as cough, nausea, and more, to generate a comprehensive list of potential diagnoses. Utilizing advanced algorithms and a symptom-disease mapping database, the platform aims to assist users in identifying possible health conditions they may be experiencing, thereby promoting informed health decisions and facilitating early intervention.

Notemaker Website
Developed a feature-rich Notemaker website designed to provide users with an intuitive platform for creating, organizing, and managing their notes seamlessly. The website incorporates user-friendly interfaces and efficient functionality, ensuring a smooth and productive note-taking experience.

VOLUNTEERING

Regional Meet – Institution's Innovation Council, MoE's Innovation Cell – Novemeber 2023

Exceptional contribution as a Volunteer.