

RAHUL
Course : **B.Tech**, Computer Science And Engineering (Full Stack Development), 2026
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CGPA : 7.45

THE NORTHCAP UNIVERSITY
Formerly ITM University, Gurugram

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Euro International School	CBSE	70 %	2022
CLASS X	Euro International School	CBSE	78 %	2020

Subjects / Electives	DBMS, Operating System, Computer Networks, DSA
Technical Proficiency	Node.js, React.js, MongoDB, Java, NoSQL, HTML + CSS, Express.js, MySQL

INTERNSHIPS

Post LLM Intern, Ethara.AI **Dec 2025 - Present**

- Designed and executed evaluation pipelines for Large Language Models (LLMs) by creating complex prompts, edge cases, and adversarial test scenarios to assess reasoning, instruction adherence, and response quality.
- Performed systematic benchmarking of LLM outputs using rubric-based evaluation frameworks, analyzing model performance across factual accuracy, contextual understanding, safety, and multi-step reasoning tasks.
- Identified and documented failure modes including hallucinations, prompt injection vulnerabilities, context loss, and logical inconsistencies, contributing to model reliability improvements.
- Conducted red-teaming exercises to stress-test AI agents against challenging user interactions and security-focused attack vectors.
- Worked with structured datasets for annotation, classification, and response validation, ensuring high-quality training and evaluation data for model refinement.
- Collaborated with AI researchers and engineers to provide actionable insights from model evaluations and support iterative improvement of LLM-driven applications.

Intern, Software Technology Parks of India (STPI) **May 2025 - Jul 2025**

- Successfully developed an audio streaming server using Icecast and BUTT (Broadcast Using This Tool).
- Extended the project to support audio + video streaming using NGINX (with RTMP module), FFmpeg, and OBS Studio.
- Enabled seamless streaming over both intranet and internet networks, demonstrating strong understanding of network protocols and streaming technologies.
- Gained hands-on experience with live media broadcasting, server configuration, and open-source media tools.

PROJECTS

A.C Service Website - Web Development **Jan 2025 - Feb 2025**

- Designed and developed a responsive, user-friendly website for an air conditioning (A.C) service business to improve customer engagement and lead generation.
- Created a clean and intuitive user interface featuring detailed service listings, a booking inquiry contact form, and location-based enhancements to increase user convenience and accessibility.
- Gained practical experience in web hosting, domain setup, and website deployment, ensuring optimal performance and uptime.

Daily Needs - Mobile App Development **Jan 2025 - May 2025**

- Successfully developed and deployed a cross-platform mobile application using Flutter to connect users with essential home service providers, including electricians, plumbers, carpenters, and other daily service professionals.
- The app features a responsive and intuitive interface that allows users to easily browse, book, and connect with trusted local experts for everyday needs.
- Implemented key functionalities such as real-time availability, location-based service listings, user authentication, and booking management to ensure a seamless user experience.

Hackutsav Website - Web Development **Sep 2024 - Oct 2024**

- Developed the frontend application for the official HackUtsav hackathon website, delivering essential event information through a clean, engaging, and responsive interface.
- Designed and implemented core sections including the event overview, registration forms, schedule, FAQs, and contact details, ensuring smooth and intuitive user navigation.
- Focused on enhancing the user experience for both participants and visitors, with attention to responsive design and accessibility across devices.

Inventory Management System - Backend Development & Database Management **Mar 2024 - May 2024**

- Developed a backend application to streamline inventory operations, enabling users to perform full CRUD (Create, Read, Update, Delete) actions on product data.
- Designed and implemented a robust database schema to ensure data consistency, integrity, and optimized query performance for handling inventory records efficiently.
- Built RESTful APIs to process user requests and enable smooth integration with frontend interfaces or third-party systems, supporting scalable and maintainable application architecture.

POSITION OF RESPONSIBILITY

Registration Main team - Momentum Annual and Cultural fest **Sep 2024 - Nov 2024**

- Played a key role in the main registration team for Momentum, the institute's flagship annual fest.
- Managed event registrations, coordinated with participants, and ensured a smooth check-in process during the fest.
- Collaborated with cross-functional teams to maintain accurate data and provide seamless on-ground support.
- Developed skills in team coordination, event management, and real-time problem-solving under high-pressure situations.

AWARDS AND RECOGNITIONS

Runner-up | Internal Smart India Hackathon 2024 **Sep 2024**

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY
DSA in Java	Prep Insta
Java	Prep Insta

COMPETITIONS

IDEATHON 2.0 **Dec, 2024**
At BML Munjal University
Internal Smart India Hackathon **Sep, 2024**

CONFERENCES AND WORKSHOPS

Student Convener HackUtsav 2024
Organized by: **The Northcap University** | Date: **Oct 2024**

- Initiated and led HackUtsav, a flagship 36-hour nationwide innovation sprint hosted at NCU, bringing together 200+ developers and creators from across India who built 70+ tech-driven solutions.
- Directed the entire event lifecycle with a team of 30+ members, managing everything from brand partnerships and sponsorships to operational workflows, expert mentorship coordination, and participant engagement.
- Delivered a professionally recognized, large-scale tech event, establishing HackUtsav as a platform for innovation, collaboration, and technical excellence.

LANGUAGES KNOWN

Hindi, English