

Yuri Verma

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Education

Dr.Akhilesh Das Gupta Institute of Professional Studies

Expected July 2027

B.Tech(AI and DS)

New Delhi

- **Relevant Coursework:** Data Structures and Algorithms (C++/Python), Analysis and Design Algorithm, Intro to Computer Science

Ryan International School, Vasant Kunj

2015-2023

High School

New Delhi

- **Relevant Coursework:** Science Stream(Physics, Chemistry, Maths, Computer Science)

Experience

IEEE ADGIPS

March 2025 - Present

Vice Chairperson

New Delhi

- Elected as Vice Chairperson of the IEEE Student Branch at ADGIPS.
- Leading event planning and technical fests like Technorax, with 2000+ participants.
- Mentoring new members and overseeing community outreach and collaboration with IEEE Delhi Section.

Utkarsh

March 2025

Assistant General Secretary

New Delhi

- Spearheaded the complete end-to-end management of Utkarsh 2025 main stage, overseeing over 20 high-profile events.
- Led a team of volunteers to ensure flawless execution, crowd control, and timely artist lineups, contributing to a record-breaking footfall of 5000+.

Projects

ISRO Robotic Challenge - URSC 2025 | ROS2, Python, OpenCV, OAK-D Lite, Gazebo

- Led software development of an autonomous drone for 3D mapping using ROS2, OpenCV, and depth sensing via OAK-D Lite.
- Implemented autonomous navigation, obstacle detection, and return-to-home logic; validated performance through Gazebo simulations.

SIH | Unreal engine,Flutter ,Tensor Flow

- Developed a 3D VR environment for enhancing the education of children with autism, focusing on interactive and immersive learning experiences.

LPG Leakage Detector | IOT, UI/UX

- Used MQ series sensor to detect leakage and using arduino sent the user a notification.
- Developed an application which on leakage sent a direct signal to the emergency services for immediate response.

Achievements

- Reached semifinal in **ISRO Robotic Challenge – URSC 2025**.
- Runner-up in **Instill Ideathon** (Hosted by IEEE ADGIPS).
- Reached semifinal in **DTU B-Plan Competition 2025**.
- Top 10 in **Hack and Chill** (Hackathon hosted by GDSC ADGIPS).
- Top 10 in **Hackathon** (Hosted by Echelon Institute, Faridabad).

Skills

Languages: English, French(B2)

Programming Languages:C, Python, C++, HTML, CSS

Tools: Adobe Photoshop, Illustrator, Premiere Pro, Final Cut Pro, Figma

Platforms: Microsoft Office (Advanced), Flutter, TensorFlow