

Ishaan Jain

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EDUCATION

B.TECH	2023-2027	Delhi Technological University, New Delhi	8.79 CGPA
CBSE (Class XII)	2023	The Vivekanand School, Delhi	89 %
CBSE (Class X)	2021	The Heritage School, Rohini	97.2 %

ACADEMIC PROJECT

Line Follower Maze Solver Bot | Arduino

- Led the development of an autonomous line following, maze solving Robot with help of IR-sensors and Arduino Board. It analyses the path in a dry run, stores directions, and navigates the maze.

Gesture Controlled Robot | Arduino

- Led the development of a Wi-Fi enabled, Arduino robot that responds to hand gestures using an accelerometer, with fire detection, live video feed, and AQI monitoring for use in hazardous, hard-to-reach environments.

Complete Integrated UGV

- An autonomous Unmanned Ground Vehicle (UGV) equipped with obstacle detection, path planning, and remote-control capabilities. It integrates sensors, microcontrollers, and wireless communication for efficient navigation and real time decision making.

Bluetooth/Voice Enabled Obstacle Avoider Car | Arduino

- An Arduino-based car that avoids obstacles using ultrasonic sensors and can be controlled via Bluetooth or voice commands. It integrates motor drivers for smooth navigation and real time obstacle detection.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Participated in Toycathon'21 and qualified for the National level round, securing a rank of 32.
- Participated in F1 in Schools'19 and qualified for the National level round

TECHNICAL SKILLS

C, Java, Python	VHDL, Verilog	Matlab, Xilinx Vivado, Arduino IDE, Overleaf, Ansys HFSS
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POSITIONS OF RESPONSIBILITY

Corporate Coordinator | Sports Council DTU

- Lead strategic initiatives, partnerships, and events to enhance student engagement and athletic development

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Won the award for Best Music in Pratibimb (the dramatics society) while performing a street play at the annual festival of AIIMS in 2024.
- Won the award for Best Music in Pratibimb (the dramatics society) while performing a street play at the annual festival of Gargi College in 2025.
- Member of Hockey team for school and won Gold medal at the Zonal level tournament in 2019