

Contact

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Links

- LinkedIn

Skills

- Python, C, C++, Embedded C++
- HTML, CSS, PHP, MySQL
- Verilog, MATLAB, Silvaco, TSpice, KiCAD
- Arduino IDE, Canva, Photoshop, Logisim
- Circuit Assembly, Soldering, Calibration

Languages

- Bengali (Native)
- English (Proficient)
- Hindi (Proficient)

Adrija Chakraborty

ECE B.Tech Final Year

Electronic Systems & Robotics Enthusiast

Profile

Motivated and technically driven ECE undergraduate skilled in Python, C/C++, robotics, embedded systems, and hardware languages like Verilog, Silvaco, MATLAB, TSpice. Seeking opportunities to innovate and contribute in collaborative tech environments.

Experience & Projects

Trainee – All India Radio (AIR)

Jul 2025 – Aug 2025

- Underwent training in studio and control room tech at Akashvani Bhawan.
- Studied digital archiving techniques and live broadcasting infrastructure.

Robotics Engineer – T-Rex Robotix

2023 – 2024

- Built a line-following robot using Arduino Nano, IR sensors, motor drivers.
- Programmed in Embedded C using real-time feedback for autonomous motion.
- Participated in Robotics and Coding fests including Kshitij, IIT Kharagpur.

Coordinator – Paridhi Techfest

Managed logistics and outreach; boosted participation by 50%.

Member – Megatronix, IEEE Student Branch

Worked on robotics and sensor projects; visited IIT Kharagpur tech fest.

Education

B.Tech in ECE – MSIT (MAKAUT)

7th Semester (2022 – Present)

Class 12 – BDM International, CBSE

Scored: 80.4%

Class 10 – BDM International, CBSE

Scored: 93%