



ABHISHEK YADAV

DATA SCIENCE STUDENT

CONTACT

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EDUCATION

2011-2023

INDIA INTERNATION SCHOOL

- 12th
- GPA - 68%

2023 - 2026

ASANSOL ENGINEERING COLLEGE

- Bachelor of Science (BSc) in Data Science
- Current SGPA: 7.64 (3rd Semester)

SKILLS

- Programming Languages:**
C, Python, DSA in C
- Tools & Technologies:**
Arduino Programming, SQL, Data Visualization
- Hardware Skills:**
Circuit Design, Troubleshooting, Hardware Integration
- Soft Skills:**
Project Management
Leadership
Time Management
Critical Thinking

PROFILE

Aspiring Data Scientist with hands-on experience in hardware automation, data analysis, and project management. Skilled in C, Python, SQL, and Arduino programming, with a strong interest in IoT and AI-driven solutions. Proven track record of leading robotics club projects and participating in hardware model-making competitions. Adept at problem-solving, critical thinking, and collaborating on technical innovations. Seeking to leverage my technical expertise and creativity in a challenging role in Data Science or IoT development.

PROJECTS

Fingerprint Authentication System with Audio Feedback

- Developed a biometric security system using Arduino, Python, and an LCD display.
- Integrated email alerts with photo capture when authentication succeeds.
- Added sound feedback upon unlocking.
- Automated continuous verification for enhanced security.
- Tools: Arduino, Python, Fingerprint Sensor, I2C LCD, Solenoid Lock.

Voice-Controlled Car Model

- Designed and built a Bluetooth-controlled car using Arduino Uno.
- Integrated HC-05 Bluetooth module for wireless commands.
- Used L298N motor driver for precise motor control.
- Implemented 12V battery setup for smooth power management.

ACHIEVEMENTS AND HACKATHONS

International Hardware Model Making Competition 2025

- Developed a Fingerprint Authentication System with audio feedback using Arduino and Python.
- Integrated email alerts and photo capture on successful authentication.

HackTropica 2025

- AI-Powered Image-to-Avatar Conversion Project Participated in a Hackathon with a project on AI-based image processing.
- Proposed a system that converts real images into customizable avatars using AI.

LANGUAGES

- English: Fluent
- Hindi: Fluent
- Bengali: Intermediate