



UTKARSH TRIPATHI

<https://linkedin.com/in/utkarshtripathiai>

+91 8858813617

gt9659844@gmail.com

Lucknow, UP

EDUCATION

B.Tech CSE(AI) 3rd year
Babu Banarasi Das
University
2022-2026

Intermediate
Savitri Vidya Vihar
70%
2021-2022

High School
Praxis Vidyapeeth
80%
2019-2020

TECHNICAL SKILLS

- Robotics
- Mechatronics
- Arduino IDE
- Java
- SQL
- HTML
- CSS
- Javascript
- Microsoft Office
- Prompt

SOFT SKILLS

- Problem Solving
- Creative Thinking
- Leadership
- Team Working

SUMMARY

An enthusiastic and confident Computer Science student with strong problem-solving and communication skills. Skilled in Java, Prompt Engineering, and Web Development. Highly interested in Mechatronics and passionate about building smart systems that combine software and hardware.

PROJECTS

- Xypher Bot – Autonomous Surveying Robot
December 2024 – Present
Wrote a research paper on Xypher Bot, a robot made for helping in construction work like measuring height and checking land.
Won Best Research Paper Award at the 5th International AI Conference 2025.
- Notes Sharing Website
January 2024 – March 2024
Made a website where students can download class notes.
Used HTML, CSS, and JavaScript.
- Laser-Based Vertical Height Measuring Robot
August 2024 – September 2024
Made a robot that can find the height, angle, and distance of any object just by looking at it.
Used Arduino and C++ for this project.
- Toy Website (E-commerce Clone)
August 2024 – September 2024
Created a website to buy toys, similar to online shopping sites.
- Mini War Robot
February 1 – February 20, 2025
Built a small fighting robot for a Robo War competition.

ACHEIVEMENTS

- Won Best Research Paper Award at the 5th International AI Conference 2025 for the project Xypher Bot – Autonomous Surveying Robot.
- Won Build With AI at LPCPS.
- Idea selected for presentation in Ideathon by Soft Computing Research Society.
- Participated in TechXplore ,TechXpo and Mini Robo War Competition at BBDU, Lucknow.
- Member of SOE Robotics Club.
- Coordinator and Member of Soft Computing Research Society.