Tarush Bajpai

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Barabanki, Uttar Pradesh (Near Lucknow)

Career Objective

Computer Science student with hands-on experience in web development and hardware-software projects. Interested in building practical solutions, learning new technologies like Django, and exploring software and robotics projects. Experienced in using AI tools to assist in coding and circuit design.

Education

Babu Banarasi Das Northern India Institute of Technology (AKTU) — B.Tech, Computer Science (2023–2027)
1st Sem: 8.8 | 2nd Sem: 8.2 | 3rd Sem: 8.4 | 4th Sem: Result Pending

Technical Skills

Languages: Java, Python, C,C++, HTML, CSS, JavaScript,SQL(basics)
Frameworks/Tools: Django (learning) , Vs Code
Core Areas: Web Development, Robotics Projects, Basic DSA

Projects

Bluetooth Controlled Robot: Controlled a robot via Bluetooth commands using Arduino and HC-05 module.
Line Follower Robot: Autonomous line-following robot using IR sensors.
Mine Inspection Bot: Raspberry Pi-based robot capable of obstacle detection and video streaming.
Amazon Clone: Front-end clone using HTML and CSS to practice web development.

Internship

Kalam Pragati – MakeX Autonomous Robotics Internship
Worked on robotics projects, circuits, and motor control.
Used AI tools to assist in coding and circuit design.

Achievements

Cleared internal round of SIH Hackathon
Solved 40+ problems on LeetCode
Completed GDGC Lab, awaiting certificate and swag

Interests

Web Development, Robotics Projects, Hardware-Software Integration, Problem Solving