

DEVANSH RAI

Lucknow, India, 226028

+91 7007039587

idevanshrai@gmail.com

SUMMARY:

Undergraduate Computer Science student with a six-year history in Java programming and beginner proficiency in C++, demonstrating adept analytical and problem-solving skills. Performed multiple Arduino coding assignments along with robotics projects such as line followers, maze solvers, and robot-sumo. Exhibited exceptional leadership and communication skills acquired through involvement in clubs and group projects.

EDUCATION:

Vellore Institute of Technology Bhopal, India

Bachelor of Technology in Computer Science (AI & ML)

Expected: May 2027

EXPERIENCE:

1. Participated in CodeDay Lucknow:

July 2023

- Developed a Python-based project that utilizes the ChatGPT API for movie review related information retrieval.
- Utilized natural language processing capabilities to enable conversational interactions with the system.
- Emphasized the collaborative aspect of integrating external APIs, specifically the ChatGPT API, to enhance the functionality and capabilities of the project

ACTIVITIES & LEADERSHIP:

1. Head IT of High School Clubs:

September 2021 to March 2023

- Headed inter-state high school events.
- Mentored peers in graphic designing & video editing.

2. Co-Founder of robotics team- Team Agni:

July 2016 to Present

- Engaged with 300 students to collaboratively design and construct robots tailored for diverse competitions.

Awards & Recognitions:

- Secured 1st Place in Robotex 2018 for the 3kg Sumo Robot category.
- Achieved 6th Place in Techfest 2020 for the Infrared-based Line Following Robot.

Notable Projects:

1. Maze Solving Robot:

Developed an Arduino-controlled robot employing sonar waves to navigate and solve mazes.

2. Robot Car:

Engineered a robust off-roading robot car controllable via Bluetooth for versatile applications.

3. Python-based Automated Race Car:

Designed and implemented a Python-based automated race car equipped with camera input to adhere to traffic rules.

3. IT & Programming Club Board Member:

August 2021 to March 2023

- Led discussions during meetings, fostering a collaborative and inclusive environment
- Encouraged active participation and idea sharing among team members.
- Emphasized continuous learning by incorporating educational sessions into the club's activities
- Facilitated open discussions to promote idea exchange and problem-solving.