ADITYA MALLICK

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PROFESSIONAL SUMMARY

Third-year Computer Science student specializing in IoT with a growing expertise in AI and Machine Learning. Passionate about developing smart, connected systems by integrating hardware and software. Seeking an internship to apply skills in Python, Java, and embedded systems to contribute to innovative projects at the intersection of IoT and AI.

EDUCATION

B. Tech (Computer Science & Engineering) |SOA University|Bhubaneswar	|9.06 CGPA	**2023-2025**
12th CBSE-PCM | D.A.V Public School| Unit 8| Bhubaneswar	|88.6%	**2023**
10th CBSE | D.A.V Public School | Unit 8| Bhubaneswar	|93.2%	**2021**

PROJECT

Web-Controlled Surveillance Robot | Jan 2025 – May 2025

- Engineered a multi-threaded Flask web application to serve a real-time MJPEG video stream from a Raspberry Pi camera, ensuring non-blocking user controls.
- Developed a Python backend with RPi.GPIO library to precisely control motor movements (forward, backward, left, right) via RESTful API endpoints.
- Implemented a responsive web interface using HTML and form submissions, allowing the robot to be controlled from any device on the local network.
- Designed a practical IoT solution for security applications, demonstrating skills in hardware integration, concurrent programming, and web server development.

SKILLS

- **Languages:** Python, Java
- F**rameworks:** Numpy, PyGame,OpenCV

CERTIFICATIONS

- **Training in Core Java** — Lakshya Institute of Technology (LIT)

- **Google Cloud Agentic AI Day (Participation)** — Hack2Skill, 2025

- **Adobe India Hackathon (Round 1 – Online MCQ + Coding)** — Unstop & Adobe, 2025