ASHMITA SAHANI

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OBJECTIVE

Energetic and driven Computer Science student with a passion for AI, robotics, and real world problem solving. I've built and deployed multiple interactive AI projects, including a Streamlit based movie recommendation app and a computer vision paint app controlled by hand gestures. Always eager to learn, I thrive in collaborative environments and love creating tech that surprises and helps people. Skilled in Python, OpenCV, Streamlit, and GitHub deployment.

EDUCATION

BTECH in CSE AI&ML, Galgotias University   2023 - 2027
Lucknow Public School   2021

SKILLS

Technical Skills	Python
	Java
	HTML
	CSS
	JavaScript
	OpenCV
	Mediapipe
	Streamlit
	Git & GitHub
	Real-time Video Processing
	Python based GUI logic
	Adobe Photoshop
	SQL
	Krita
Soft Skills	Curiosity-driven learning
	Creative problem solving
	Resilience
	Self motivation
	Cross-disciplinary thinking
	Global mindset

HACKATHONS

Smart India Hackathon   2025
Participant

· Project: **Indian Heritage and Culture** – Redesigned the Indian Culture Portal with a modern, user-friendly UI.
· Integrated **Bharat AI**, a chatbot focused exclusively on India-related queries, powered by **Groq Cloud API** and **DeepSeek-R1**.
· Built using **HTML, CSS, JavaScript (frontend)**, **Python (FastAPI backend)**, and AI integration for real-time responses.
· Covered features like cuisine, music, states of India, and untold cultural stories.

Hackamania 2025 – Microsoft Office, Gurugram   May 2025
Semi-Finalist

· Team Nexus developed **"Vision"** – an AI-powered assistive system for visually impaired individuals.

- Leveraged **Python, OpenCV, and Mediapipe** for real-time object detection and accessibility solutions.
- Advanced to the Semi-Finals out of dozens of innovative projects, gaining recognition from industry experts and the **Azure Developer Community**.

PROJECTS

Rock-Paper-Scissors AI Game
Personal Project

- Built a **Python + Streamlit** game with AI that predicts player moves based on history.
- Enhanced UI with emojis, score tracking, and reset functionality; deployed on Streamlit Cloud.

Text Summarizer Web App
Personal Project

- Developed a text summarizer using **Hugging Face Transformers + Streamlit**.
- Deployed on Streamlit Cloud with improved handling of text limits and UI.

Movie Recommender System
Personal Project

- Created a movie recommender using **Python, Cosine Similarity, and Streamlit**.
- Deployed live with GitHub integration; planned future improvements.