SARANG ARORA

ML Engineer Intern

+91 9017276408 • Sukh Sagar Colony, Sirsa • linkedin.com/in/sarang-arora • sarangarora571@gmail.com

ABOUT ME

I'm a passionate B.Tech student specialising in Artificial Intelligence and Machine Learning at Thapar University. I love solving real-world problems through tech—whether it's building smart web apps, experimenting with ML models, or diving into computer vision projects. I've created multiple hands-on projects using Python, React, Streamlit, and OpenCV. Always eager to learn, I thrive in creative environments that blend code, logic, and impact.

EDUCATION

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY   2024-2028
B.Tech in Artificial Intelligence and Machine Learning

PRERNA SENIOR SECONDARY SCHOOL (CLASS 12TH)   2022-2024
PCM - CBSE BOARD

SKILL

- Python
- Machine Learning
- Pandas & Numpy
- Git & Github
- Flask
- UI/UX Basics

PROJECTS

Diabetes Prediction Bot

A minimal web app that predicts diabetes risk using Support Vector Machine. Collected input via HTML form and displayed results instantly. Highlights end-to-end ML deployment

- Python · SVM · Flask

Gesture-Controlled Pong Game

Developed a fun Pong game that uses hand tracking via webcam. Integrated MediaPipe and OpenCV to map palm position as the game paddle. Great demo of real-time CV applications.

- OpenCV · Python · Computer Vision

StrokeRisk AI

Built an intelligent Stroke Prediction and Prevention Advisor using ML and SHAP explainability. Users get real-time stroke risk assessment along with personalized health suggestions via a modern React UI.

- Python · Streamlit · Machine Learning · SHAP

AI Resume Ranker & Feedback Tool (In Progress)

Ranks resumes and gives role-specific feedback using large language models. Helps freshers and experienced professionals improve their resumes with smart suggestions.

- Python · Streamlit · LLMs (OpenAI)