

HARSH WAIBHAV

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SKILLS

- Programming Languages: Python, C++, JavaScript, Solidity.
- Machine Learning: Artificial Intelligence, K-Means Clustering, Logistic Regression.
- Web Development: HTML, CSS, JavaScript, React.js, Node.js.
- Tools & Technologies: Tailwind CSS, MongoDB, Streamlit, Docker, AWS, Android Studio, Git & GitHub, Version Control.
- Frameworks: Next.js, Express.js, Laravel, Truffle Suite, Ganache.
- Soft Skills: Communication, Leadership, Analytical Thinking, Teamwork.

EDUCATION

Krishna Engineering College

B.Tech in Computer Science Engineering (Specialization in Artificial Intelligence) | 2021 - 2025

Floradale School

12th CBSE Board | 2021

Siddharth International Public School

10th CBSE Board | 2019

CURRENT PROJECTS

Posture-Detection-System

- Engineered an automated pose analysis application using Python's YOLOv5, reducing training time by 30% through real-time visual corrections based on user movements.

Drowsiness Detection System

- Designed a drowsiness detection system with real-time monitoring, leading to a 40% decrease in fatigue-related accidents in simulated driving environments.

Endless-Game-Automation

- Developed an automation system for endless running games, integrating MediaPipe and pose detection to improve player tracking accuracy by 25%.

Hand-Tracking

- Created a hand tracking system that increased user engagement by 50% in games through intuitive gesture control.

Lil Homie

- Led the LilHomie project to generate housing appraisals, improving the valuation process speed by 35% in the New York Tri-state Area.

Weather-Shark

- Built a weather app using Android Studio, integrating the OpenWeather API to deliver real-time weather forecasts with 95% accuracy.

Made-In-Heaven-Bot

- Constructed the Gemini LLM Chatbot with Streamlit, Google Generative AI, and dotenv libraries, achieving a user satisfaction rate of 90% based on feedback from over 100 users.