

HARSHIT KANDOI

AI/ML Engineer | Data Science Enthusiast

📍 Rajgarh (Churu), Rajasthan, India | 📞 7850098453 | ✉️ kandoiharshitsdlp@gmail.com

🌐 [Portfolio](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Detail-oriented and motivated B.Tech [CSE - Data Science] graduate with a strong foundation in **Machine Learning**, **Deep Learning**, and **Computer Vision**. Skilled in developing **end-to-end AI solutions** using Python, TensorFlow, PyTorch, and Flask. Demonstrated ability in **real-time model deployment**, **data preprocessing**, and **model optimization**. Eager to contribute to data-driven innovation as an **AI/ML Engineer** in a forward-thinking team.

Tools & Technologies

- **Languages & Libraries:** Python, SQL, NumPy, Pandas, Scikit-learn, OpenCV
- **Frameworks & Tools:** TensorFlow, PyTorch, Flask, Streamlit, YOLOv5, Git, Whisper AI
- **Concepts:** Supervised & Unsupervised Learning, NLP, Reinforcement Learning, Transfer Learning
- **Data Handling:** Web Scraping, Data Visualization, Data Cleaning, Feature Engineering
- **Cloud & DevOps:** GitHub, Netlify, Roboflow, REST APIs

PROJECTS

- **Real-Time ASL Hand Sign Detection ([GitHub Repo](#))**
Built an AI-powered sign language translator using **YOLOv5** and a custom dataset to identify hand gestures in real-time.
Tech Stack: Python, PyTorch, OpenCV, Roboflow, GitHub
- **Doom Reinforcement Learning Agent ([GitHub Repo](#))**
Trained an agent using **Proximal Policy Optimization (PPO)** to play a simplified Doom game autonomously.
Tech Stack: Python, Stable-Baselines3, Gym, VizDoom
- **Movie Recommendation System ([GitHub Repo](#))**
Deployed a hybrid recommender system with **collaborative filtering** and **content-based filtering** using **Streamlit**.
Tech Stack: Python, Scikit-learn, Streamlit
- **Whisper Speech Transcription Web App ([GitHub Repo](#))**
Developed a **speech-to-text** app using OpenAI's Whisper model with a **Flask-based** backend and user-friendly frontend.
Tech Stack: Python, Flask, Whisper AI, HTML/CSS

EXPERIENCE

AI Developer Intern

Anantagani Pvt Ltd, Pune (Apr 2025 – July 2025)

- Developed a **plastic waste detection system** using **YOLOv3–YOLOv8**.
- Automated **image scraping and dataset annotation** workflows.
- Achieved high model performance via **model tuning** and **validation metrics**.

Data Science Intern


Upflairs Pvt Ltd, Jaipur (Jun 2024 – Jul 2024)

- Built data dashboards for **financial transactions, sales trends, and recommendation systems**.
- Implemented **ETL pipelines** and **ML workflows** on real-world datasets.

EDUCATION

B.Tech in Computer Science & Engineering (Data Science)

B.K. Birla Institute of Engineering and Technology, Pilani

 2021 – 2025 | **CGPA: 8.35/10**

Senior Secondary (PCM) – Sarasvati Vidhya Peeth, Sikar – 91%

Secondary Education – Lords International School, Rajgarh – 71.3%

CERTIFICATIONS

- **Machine Learning A–Z** – Udemy | June 2024
- **100 Days of Code: Python Bootcamp** – Udemy | June 2023