


ARYAN JASWAL

aryanjaswal0507@gmail.com | (+91) 7876141265

 [@aryanjaswal0507](#)

 [/aryanjaswal0507](#)

EXPERIENCE

- ❖ **AI and ML Internship | Dr. B. R. Ambedkar NIT, Jalandhar**
 - Completed a 8-week internship (June-July 2024) under Dr. Nisha Chourasia, developing a heart disease prediction model and a deep fake image detection model with high accuracy.
- ❖ **Deepfake Detection Model Development**
 - Developed a deepfake detection model using advanced machine learning techniques. Currently working on finalizing the written work for research publication.
- ❖ **Heart Disease Prediction Model Optimization**
 - Developed and optimized machine learning models for accurate heart disease prediction, with ongoing work to finalize and publish the research.
- ❖ **AI and Machine Learning Workshop | IIT Mandi**
 - Attended a two-day hands-on workshop on AI and Machine Learning Using Python at IIT Mandi (April 2024), enhancing practical knowledge and technical skills.
- ❖ Completed “100 Days of Python” course on Python by Code with Harry YouTube channel
- ❖ Complete “Machine Learning Full Course” by Great Learning YouTube channel
- ❖ Participated in a Web Development workshop organised by college.

ACADEMIC PROJECTS

- ❖ **Movie Recommendation System Project | Machine Learning**
 - Developed a personalized recommendation system using Python, Streamlit, NLP, and cosine similarity, providing tailored movie suggestions with an interactive UI.
 - Tech Stack: Python, Pandas, Scikit-learn, Streamlit, Pickle

❖ **Geolocation-Based Auto-Attendance System**

- Automated attendance tracking within a 60m geofence with real-time updates, admin monitoring, and secure authentication.
- Tech Stack: HTML , css , JavaScript

❖ **Car Price Prediction | Machine Learning**

- Developed a Flask-based web app using linear regression to predict car prices, integrating data preprocessing, feature encoding, and model serialization for accurate predictions.
- Tech Stack: Python, Flask, Pandas, NumPy, Scikit-learn, Pickle, Bootstrap

❖ **Hand Gesture Controlled Presentation System**

- Implemented a system using computer vision to control slideshows via hand gestures for navigation, annotation, and undo actions.
- Tech Stack: Python, OpenCV, cvzone

SKILLS

- ❖ Proficient in : C++ , C , Python
- ❖ Machine Learning
- ❖ Deep Learning
- ❖ Relevant college coursework: DSA , OOPS ,DBMS ,Operating System
- ❖ Artificial intelligence (Basic)
- ❖ Web development (Basic)

EDUCATION

- ❖ Bachelor of Technology in CSE(AI & ML) | Jawaharlal Nehru Government Engineering College , Mandi (H.P) [3rd year student] (2022-2026)
- ❖ Joint Entrance Examination (main) score: 89 percentile
- ❖ XII (CBSE) Rockford Day Boarding Public school ,una(H.P) (score:75%)

CERTIFICATE

- ❖ **NPTEL (Deep Learning for Computer Vision) | IIT Hyderabad**
 - Score: 53%

- ❖ **NPTEL (Machine Learning for Engineering and Science Applications) | IIT Madras**
 - Score: 75%
- ❖ **NPTEL (Python for Data Science) | IIT Madras**
 - Score: 54%
- ❖ **Spoken Tutorial project by IIT Bombay (Python 3.4.3)**
 - Score: 47.14%

Extracurricular Activities

- ❖ Participated in Smart India Hackathon 2024, presenting the college chatbot
- ❖ Badminton: Active player, team participant
- ❖ Drawing
- ❖ Traveling & Exploring