

ROHAN SINGH JADOAN

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PROJECTS

AttendEase | Technology Stack Used: Flask, Face Recognition Library, Google Colab **06 2024**

- Developed a cross-platform mobile application for automated attendance marking using face recognition.
- Integrated Python's face recognition library and Google Colab for model training, ensuring high precision.
- Enabled seamless photo capture and upload for users to compare with saved facial encodings.
- [Live project repository here](#)

Movie Recommendation System | Technology Stack Used: Streamlit, Python, TF-IDF **01 2025**

- Developed a movie recommendation system to suggest 5 similar movies based on user input.
- Utilized TF-IDF and cosine similarity for content-based filtering to compute movie relationships.
- Implemented an interactive web app using Streamlit for a user-friendly experience.
- Enhanced performance by caching data and optimizing similarity computations for large datasets.
- [Live project repository here](#)

TECHNICAL SKILLS

Languages: Python, Java, HTML, CSS

Frameworks: Flask, Streamlit, Django, Bootstrap, TensorFlow, PyTorch, OpenCV

Libraries: NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, Face Recognition, TF-IDF (**sklearn**)

Tools & Platforms: Git, GitHub, Docker, Google Colab, Linux

Spoken Languages: English, Hindi

CERTIFICATIONS

- Machine Learning - Udemy
- Certificate of Winning **Most Innovative Project Award** in *InnovateX 2024 Hackathon*

POSITIONS OF RESPONSIBILITY

- **Co-Convenor**, Department of AI & DS Society, MAIT

EDUCATION

Maharaja Agrasen Institute of Technology

BTECH - CGPA: 8.1

11 2022 – 06 2026

Delhi, India

Kendriya Vidyalaya, Keshav Puram

CBSE - Class 12th - Percentage: 79%

Completed in 2021

Delhi, India