

Deepanshu Khurana

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Projects

Resume vs JD Matcher AI App | *Python, LangChain, FAISS, HuggingFace, Streamlit* June 2025

- Matched resumes to job descriptions using sentence embeddings and cosine similarity scoring.
- Used FAISS for vector similarity and LangChain for modular embedding and retrieval pipeline
- Build a Streamlit web app for uploading resumes/JDs and displaying ranked match results
- Github link: https://github.com/deepu8900/Resume_JD_Matcher

Boxing Punch Counter | *Python, OpenCV, MediaPipe, Colab* January 2025

- Created a vision-based app to count total punches in slow motion boxing videos using pose detection.
- Integrated OpenCV for video handling and MediaPipe for accurate hand and motion tracking.
- Designed and executed the pipeline entirely in Google Colab for ease of use and reproducibility
- Github link: https://github.com/deepu8900/PUNCHES_COUNTER

Sentiment Analyzer Web App | *Hugging Face Transformers, Streamlit, Python* July 2024

- Built a real-time NLP web app using pre-trained transformer models to classify text sentiment instantly.
- Used Streamlit for an interactive UI and optimized lightweight models for fast and efficient deployment.
- Showcased hands-on knowledge of transformer pipelines, model inference, and user-facing AI systems.
- Github link: <https://github.com/deepu8900/Sentiment-Analysis-of-reviews>

Certificates

Generative AI with Large Language Models April 2024

DeepLearning.AI, Amazon Web Services

Link: <https://coursera.org/share/07ac91f9e5b9d7ee584609a4d4a3c04c>

ChatGPT Advanced Data Analysis May 2024

Vanderbilt University

Link: <https://coursera.org/share/6b8aafd94033f043322d9a713f871f1c>

Dynamic Programming & Greedy Algorithms June 2024

University of Colorado Boulder

Link: <https://coursera.org/share/ea953b7ae82d9646cf0be63282231c10>

Technical Skills

Languages C++, Python, Java

Technologies/Frameworks LangChain, Hugging Face Transformers, FastAPI, Flask, Open CV, MediaPipe

Skills: LLM Integration, Data Structures & Algorithms, RAG Systems, Backend Development, Open CV, MediaPipe, Fast API

Education

Lovely Professional University 2022 – Present
Computer Science and Engineering — CGPA: 6.52 *Phagwara, Punjab*

West academy Sr. Sec. School 2020 – 2021
12th with Science — Percentage: 85.8% *Pataudi, Haryana*

West academy Sr. Sec. School 2019 – 2020
10th with Science — Percentage: 86.2% *Pataudi, Haryana*