

KUNAL

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EDUCATION

2023–2027 (present)	BTech in Computer Science (Data Science), PEC	(CGPA: 7.93/10)
2022	Government Model Senior Secondary School, Sec 22-A	(CBSE 12th: 91.2%)
2020	L.D.C. Jain Public School, Punjab	(CBSE 10th: 81.8%)

PROJECTS

1. CineMatch: Full Stack NLP-based Movie Recommendation System

Tech Stack: NLP, React, Django, Kaggle MovieLens 1M Dataset

- Built a movie recommendation system using NLP techniques to analyze user preferences.
- Implemented Django (backend) and React (frontend) for a responsive UI.
- Processed 140K+ movie and genre records from Kaggle MovieLens 1M dataset.
- Displayed trailers with smooth performance and accurate recommendations.

2. ATSScore: Streamlit Application for Resume Parsing and ATS Scoring

Tech Stack: Gemini, Python, Streamlit

- Built an ATS optimization web app for resumes and job descriptions.
- Provided detailed alignment insights with skill/keyword analysis.
- Added dashboards to visualize performance scores and keyword matches.
- Clean Streamlit interface for real-time feedback and ATS score generation.

3. Image Caption Generator (CNN + LSTM)

Tech Stack: Deep Learning, Python, Streamlit, Kaggle 8K Dataset

- Built a caption generator with 0.74 accuracy using 8K images.
- Demonstrated feasibility with small dataset; scalable to 50K+ with GPU.
- Integrated into an interactive Streamlit application.

SKILLS

Programming Languages C++, Python, R, HTML, CSS, SQL, JavaScript

Computer Fundamentals Data Structures, OOP, OS, DBMS, CN

Web Development React.js, Django, MySQL

Tools VS Code, Google Cloud, Jupyter Notebook, Git, GitHub

Machine Learning Classification, Regression, Clustering, NLP

Deep Learning ANN, CNN, RNN, LSTM, Langchain

CERTIFICATIONS & ACHIEVEMENTS

- NASA Space Exploratory Hackathon – Showcased innovative space exploration project.
- eSummit Hackathon – Developed a full solution under time constraints.
- NLP Certification – Covered text classification, sentiment analysis.