

KUNAL

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EDUCATION

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|---------------------|--|--------------------|
| 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

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| 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.