

Emmadi Leelavardhan Raj

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OBJECTIVE

Motivated Computer Science graduate skilled in DSA, Machine Learning, NLP, Computer Vision, PySpark, and Data Analytics. Passionate about building intelligent systems and solving real-world problems. Seeking roles in Software Engineering, AI/ML, or Data Science.

SKILLS

- **Languages:** Python, SQL, PySpark
 - **DSA:** Arrays, Linked Lists, Stacks, Queues, Trees, Graphs, DP, OOPs
 - **ML & AI:** Supervised/Unsupervised ML, DL, NLP, Computer Vision
 - **Libraries:** Scikit-Learn, TensorFlow/Keras, Pandas, NumPy, OpenCV, MediaPipe, NLTK, SpaCy
 - **Visualization:** Power BI, Tableau, Matplotlib, Seaborn
 - **Tools/Platforms:** Git, GitHub, Jupyter, VS Code, Streamlit
 - **Web Frameworks:** FastAPI (basic), Django (basic)
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PROJECTS

AI Workout Tracker | CV, MediaPipe, Streamlit [\(GitHub Repo\)](#)

- Real-time exercise tracking using MediaPipe Pose and OpenCV.
- Implemented five exercises with rep counting & posture angle calculation.
- Built an interactive UI in Streamlit and optimized for deployment.

MoodAI – NLP Emotion Detection | NLP, ML [Link](#) [\(GitHub Repo\)](#)

- Predicts emotion from user text using preprocessing + TF-IDF + ML models.
- Displays emotion category with meaningful suggestions.
- Fully documented and published on GitHub.

Disease Prediction & Medicine Recommender App [Link](#) [\(GitHub Repo\)](#)

- Trained Random Forest Classifier on Kaggle dataset (132 symptoms, 42 diseases) for accurate symptom-based disease prediction using Scikit-learn, Pandas, and NumPy
 - Built interactive Streamlit web app for multi-symptom selection, disease diagnosis, and medicine recommendations via JSON mapping; deployed on Streamlit Cloud
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EDUCATION

- B.Tech – Computer Science (Data Science) 2025

Sreyas Institute of Engineering & Technology (JNTUH)

STRENGTHS

- Problem Solving
- Fast Learner
- Communication
- Teamwork
- Adaptability