

# Thippavathini Janardhan

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## About Me

A passionate third-year Computer Science student with hands-on experience in AI and ML. Proficient in deploying machine learning models and building end-to-end applications. Experienced in leading projects involving deep learning, computer vision, and real-time applications.

## Education

<b>Rajiv Gandhi University of Knowledge and Technologies</b> , B.Tech in Computer Science	2022 – 2026
• GPA: 9.4/10	
<b>Rajiv Gandhi University of Knowledge and Technologies</b> , Pre University Course	2020 – 2022
• GPA: 9.8/10	

## Skills Summary

- **AI & ML** : Tensorflow, Pytorch, NLP, Deep Learning, Pandas, Numpy, Matplotlib.
- **Languages** : Python, Java, SQL
- **Data Structures and Algorithms(DSA)**
- **Frontend** : HTML, CSS, JavaScript, React
- **Backend** : Flask, Django, FastAPI
- **Soft Skills** : Leadership, Event Management, Problem Solving, Critical Thinking, Group Discussion's

## Projects

<b>Face Recognition System</b>	Github Link
<ul style="list-style-type: none"><li>• Developed and designed a comprehensive Facial Recognition System (FRS) to automate student attendance tracking using deep learning and computer vision techniques. The system leverages the FaceNet model for facial feature extraction, converting student images into high-dimensional vectors. A Support Vector Classifier (SVC) is then employed to accurately identify student IDs based on the extracted facial features</li><li>• <i>Tools Used</i>: Tensorflow, Pytorch, FaceNet, FAISS, SVM</li></ul>	
<b>Breast Cancer Classification</b>	Github Link
<ul style="list-style-type: none"><li>• This project is an Artificial Neural Network (ANN) based classification model that predicts whether breast cancer is benign or malignant. The ANN is trained on breast cancer datasets to improve accuracy in diagnosis, aiding in early detection and treatment planning.</li><li>• <i>Tools Used</i>: Tensorflow, Matplotlib, Numpy, Pandas</li></ul>	
<b>Movie Recommendation System</b>	Github Link
<ul style="list-style-type: none"><li>• Developed a content-based movie recommendation system using NLP techniques to suggest movies based on similarity. Trained on the TMDB dataset, leveraging TF-IDF vectorization and cosine similarity for recommendations.</li><li>• <i>Tools Used</i>: Sklearn, Pandas, Numpy, Flask.</li></ul>	

## Certifications

• Programming for Everybody(Getting Started with Python) - Coursera	Link
• Python Data Structures - Coursera	Link

## Coding Profiles

• LeetCode	Link
• GeeksforGeeks	Link