

Angari Vaishnavi

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Summary

I am a hardworking and passionate individual with strong organizational skills, eager to embark on a career in the tech industry. I am seeking a challenging role where I can contribute my skills in strategic planning and team leadership, equipped with a versatile skill set that enables me to tackle complex challenges and contribute effectively to team goals.

Education

ZPHS High School – Govoor, Nizamabad SSC	May 2020 GPA: 10.0
TS Model school and junior college – Kuntala, Nirmal MPC	April 2022 Percentage: 81.7
Institute of Aeronautical Engineering – Dundigal, Hyderabad Information Technology	Nov 2022 – May 2026 CGPA: 8.0

Technical Skills

Languages: Java, Python, C.
Web Development: HTML, CSS, JavaScript
Database: MYSQL
Tools : Git, GitHub, VSCode.

Projects

Personalized Music Recommendations Based On Real Time Emotion And Weather Data Nov 2024

- Developed a system using live video capturing analysis to assess the mood and environment of the user and feedback of the song by the user.
Integrated **custom playlist generation** based on user listening history and mood detection for better recommendations.
Technologies Used: Python , TensorFlow, Keras, OpenCV, Pandas, Spotipy, Tkinter, Pillow (PIL), Requests, CSV WeatherAPI .

Resume Suggestions Apr 2025

- Developed a Python-based application that analyzes user resumes and provides intelligent suggestions to improve structure, grammar, and ATS (Applicant Tracking System) compatibility.
Technologies Used: Python, Streamlit , Natural Language Toolkit (NLTK), scikit-learn, OpenAI API, Firebase (or local storage), ResumeParser.

Image Deconvolution by Learning Deep Gradient Descent Optimization techniques June 2025

- This is based on the application of ML and DL technologies in A gradient-based optimizer is an algorithm that adjusts the parameters of a machine learning model by utilizing gradients (derivatives) of the loss function. Thus improving model performance.

Tools Used: ML,DL, Tensorflow, Keras, OpenCV.

Certificates

- NSIC, Python
- CyberSecurity (CISCO)
- AWS Academy Cloud Foundations, AWS
- AI-ML ,Google Developer
- CyberSecurity, Palo Alto
- HackerRank : JAVA

Coding Profiles

LeetCode — 210+ problems, 2 contests.

HackerRank — Java (3 star), SQL (3 star),).

GeeksforGeeks — 90+ problems.