

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

Institute Of Aeronautical Engineering, Information Technology

Nov 2022 – May 2026

- GPA: 8.36

Projects

Personalized Music Recommendations Based On Real Time Emotion And Weather Data

- 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 .

TODO Application

- Developed a TODO application using Java for back-end processing and SQL for database management. Deployed using Tomcat Server, with frontend built using HTML and CSS. Technologies Used: Java, SQL, Tomcat, HTML, CSS
Technologies Used: HTML, CSS, JavaScript.

Image Deconvolution by Learning Deep Gradient Descent Optimization techniques

- 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.

Technical Skills

- **Programming:** Java, Python, C.
- Web Development:** HTML, CSS, JavaScript
- Database:** SQL, MYSQL
- Relevant coursework :** OOPS, DAA , DBMS , OOSE, OS, CN
- Interests:** Web Developer

Certificates

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

Coding Profiles

HackerRank | LeetCode | GeeksForGeeks