




# MALAPATI ANUSHA

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## ABOUT

I am a recent B.Tech pursuing student, but I'm ready to take on challenges and use my skills for both my own and the organization's growth. I can create effective and scalable solutions because of my proficiency in programming languages. I am eager to take on difficult tasks that will stretch my capabilities. I am ready to contribute my technical skills, problem-solving abilities, and strong work ethic to a progressive organization.

## SKILLS

- **Languages:** Java, Python, SQL
- Machine Learning , Data Structures
- **Frame works and Libraries:** Opencv, Streamlit, Flask, Keras, TensorFlow
- **Soft Skills:** Time management | Problem solving | Communication skills | Team leading

## EDUCATION

### **B.Tech (Computer Science and Engineering) (AIML)**

Kalasalingam academy of research and Education, Tamilnadu      **CGPA : 9.03**      *2021 - present*

### **Intermediate**

Narayana Junior College, Andhra Pradesh      **percentage - 95.8**      *2019 – 2021*

### **10<sup>th</sup> Standard**

Sunshine EM High School , Andhra Pradesh      **CGPA - 9.8**      *(upto 2019)*

## PROJECTS

### **Pancreatic Cancer Detection Using VGG16**

**Github :** [https://github.com/Malapati-Anusha/Pancreatic\\_cancer.git](https://github.com/Malapati-Anusha/Pancreatic_cancer.git)

Developed a Flask-based AI system for pancreatic cancer detection using pretrained VGG16 with Grad-CAM. Users can upload medical images for classification, with heatmaps highlighting critical areas for interpretability. Integrated login/signup authentication for secure access and provided real-time inference with precautionary measures for healthcare awareness.

### **Emotion based music recommendation system**

**Github :** [https://github.com/Malapati-Anusha/Emotion\\_based\\_music.git](https://github.com/Malapati-Anusha/Emotion_based_music.git)

In this project an emotion-based music recommendation system is created that involves analyzing and understanding the facial emotional of the person by capturing the person's face and then recommending songs that match a user's desired emotional state and providing a personalized music from YouTube. Here I used CNN algorithm.

### **AI Driven chatbot for food Delivery**

**Github :** [https://github.com/Malapati-Anusha/chatbot\\_for-food-delivery.git](https://github.com/Malapati-Anusha/chatbot_for-food-delivery.git)

In this project I developed a chatbot for food delivery integrated with Dialogflow, capable of handling intents such as creating new orders, adding, removing, completing, and tracking orders. The system uses FastAPI for backend development and interacts with an SQL database for efficient order management and tracking, ensuring seamless communication between the chatbot and backend.

## CERTIFICATIONS

- Certified for winning second prize at IBM ICE Day for Project Presentation conducted by IBM.
- Certified for Active Participation in Hackathon Conducted in IIT MADRAS.
- Certified for Active Participation in INNOVATE Hackathon.