

# NISHAKAR T

• STUDENT •

## ABOUT ME

I am a skilled programmer with expertise in Python, C, Data Structures, and Machine Learning. I enjoy building efficient solutions, optimizing algorithms, and working with MySQL databases. My strong communication skills help me collaborate effectively and explain technical concepts clearly.

## EDUCATION

2024 • Sri Shakthi institute of engineering and technology, Coimbatore.

## PROJECT

### 2023 Third Eye For Blind using cap

- A "Third Eye" for the blind using IoT is a smart cap designed to assist visually impaired individuals.
- It incorporates ultrasonic sensors to detect obstacles and alerts the user through vibrations or audio feedback.
- The cap provides real-time obstacle detection, enhancing mobility and safety for the visually impaired.

### 2024 Face Detection using ML

- Developed a robust face detection system utilizing OpenCV and TensorFlow. Preprocessed data using image augmentation techniques to improve model accuracy.
- Trained and fine-tuned a CNN model to accurately detect faces in real-time with high precision.
- Integrated the model into a user-friendly interface for seamless operation.

### 2024 AI SUPPORTED APPROVAL PROCESS PORTAL

- An AI-Supported Approval Process Portal streamlines decision-making by automating the approval workflow across various departments.
- It leverages AI to evaluate requests, prioritize tasks, and provide data-driven recommendations, reducing processing time and human intervention.
- The portal ensures efficiency, transparency, and faster approvals in organizational processes.

## SKILLS

Python		Machine Learning	
Programming in c		Effective Communication	
Data Structure in c		My SQL	

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