

AYUSH MAHTO

Computer Science Engineer

CONTACT

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PROJECTS

INNOVISION

This project is a smart voice-based assistant designed to help visually impaired individuals navigate daily life more independently. It enables hands-free interaction through speech recognition and audio feedback. Features include voice commands, object and text detection, and real-time assistance for essential tasks

- Personalized support for daily activities like calling, messaging, and reminders
- Voice recognition for hands-free control and navigation
- Text-to-Speech & Speech-to-Text: Converts spoken words into text and vice versa for smooth communication.
- Time & Date Announcements – Provides verbal updates on the current time and date.

DROWSINESS DETECTION

This project is designed to detect signs of driver drowsiness in real-time using a Raspberry Pi and camera module. It monitors the driver's eye movements and facial features to identify fatigue and alerts them through warning signals to prevent accidents. The system aims to enhance road safety

- Eye Blink & Closure Detection – Monitors eye activity to detect signs of drowsiness.
- Real-Time Alert System – Triggers alarms or vibrations when drowsiness is detected.
- Lightweight & Portable Setup – Built on Raspberry Pi for easy installation in vehicles.

EDUCATION

MIT ADT University | 2023-2027

Bachelor of Technology in information technology

- CGPA: 7.66

GLORY ENGLISH MEDIUM SCHOOL | 2022

CBSE

- Marks obtained: 60%

PRODIGY PUBLIC SCHOOL | 2020

CBSE

- Marks obtained: 63%

CERTIFICATIONS

- Frontend

- Figma

- Python/c/java/MYSQL

- DSA