BHARATH. R

CONTACT

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Cuddalore-606105

TECHNICAL SKILL

- JAVA
- SQL
- HTML
- CSS

SOFT SKILL

- Intuitive Perception
- Strong organizational and time management skills
- Communication
- Problem solving

EDUCATION

- 2020-2024

  B.Tech Artificial Intelligence and Data Science 7.89

  Sri Venkateswaraa College of Technology

- 2020

  **HSC -54.67
  Trinity Academy Hr. Sec. School namakkal**

- 2018

  **SSLC-63.8
  Trinity Academy Hr. Sec. School namakkal**

- **LANGUAGE**

  - **ENGLISH**
  - **TAMIL**
  - **TELUGU**

ABOUT

I am a passionate software developer with skills in Java, SQL, and Power BI. I have a strong understanding of object-oriented programming, database management, and data visualization. Eager to apply my knowledge in a professional environment, I am seeking an entry-level position where I can contribute and grow. My problem-solving abilities and dedication to learning drive my enthusiasm for tackling new challenges.

PROJECTS

DROWSINESS DETECTION:

Drowsiness detection projects aim to improve safety, particularly in driving and machinery operation. They involve collecting diverse datasets and extracting features like eye closure duration and facial expressions. Models such as SVM or CNNs are trained using this data, evaluated for accuracy, and integrated into real-time systems. Testing in real-world scenarios and user feedback inform iterative improvements before deployment, prioritizing privacy and ethical considerations throughout..

Blind Assistance System:

He Blind Assistance System leverages advanced technologies to aid visually impaired individuals in navigating their surroundings. The system utilizes Real-Time Object Detection with Computer Vision algorithms to identify obstacles and objects in the user's path. Voice Alerts are generated using Text-to-Speech (TTS) technology to provide immediate and intuitive feedback. The project is developed using Python for its powerful libraries such as OpenCV for object detection and Pyttsx3 for speech synthesis. This system significantly enhances mobility and independence for blind users by offering real-time, audio-based guidance, reducing the risk of accidents and improving overall safety.

AREA OF INTERESTS

- Data Analytics
- Software Developer
- Machine Learning
- Web Development

CERTIFICATIONS

- JAVA(Qspiders)
- SQL(Qspiders)
- TCS
- GOOGLE ANALYTICS CERTIFICATION
- MATH WORK