

HARSHA VARDHAN.N

Address: 5th main mennakshinagar, khbcolony ,banglore, Karnataka - 560037

Contact: 7676461832

Email: harshavardha.ise24le@cmrit.ac.in

Github:

Linkedin Profile:

Leet code:

CAREER OBJECTIVE

Motivated and detail-oriented student with strong technical skills in programming and web technologies, eager to apply my knowledge in real-world projects and contribute to innovative solutions. Seeking opportunities to enhance my skills in software development and problem-solving.

EDUCATIONAL QUALIFICATION

- **Bachelor of Engineering-Information science &engineering**
CMR institute of technology-Bengaluru
6.7 CGPA, 2027(pursuing)
- **Diploma in computer science**
Siddaganga polytechnic – Tumkur
8.9 cgpa 2024
- **10th Grade**
St lawrence High School – Bangaluru
67%, 2021

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, Java
- **Operating System:** Windows, Linux
- **Database:** MySQL, Mongo DB
- **Web Technologies:** HTML, CSS, JavaScript

PROJECTS

- **Blind Assistance Device Python, Raspberry Pi, Gemini API GitHub Repo**
 - Designed and developed a portable smart assistant for visually impaired individuals using Raspberry Pi 3B+.
 - Integrated Raspberry Pi Camera Module to capture real-time video frames for object detection.
 - Implemented audio feedback system using text-to-speech libraries (GTTS) to announce detected objects through earphones.
 - Focused on low-latency performance and power efficiency for continuous assistance in daily navigation.
 - Integrated a GPS module to track real-time location of the user.
 - Added an emergency SOS feature using a tactile push button that, when pressed, sends an alert email with the user's live GPS location to their family members
- **Smart Attendance System using Face Recognition Python, OpenCV, Flask**
 - Developed a real-time face recognition system to automate attendance.
 - Integrated OpenCV for video capture and face detection.
 - Used face recognition library for accurate facial matching.
 - Built a Flask-based web interface with live video streaming.
 - Logged attendance with timestamps into CSV, preventing duplicate entries.

Co-curricular & Extra-curricular Activities

- **.Certifications & Courses**
 - Completed online course on SQL (Udemy)
 - Completed online course on JS (Udemy)
 - Completed online course on machineLearning(Udemy)
- **Seminars & Technical Activities**
 - Attended seminar on Backend Development organized by ISE Department's club.

- Organized events for the technical club “Rise Club”.
 - Participated in Aptitude Hackathons.
 - **Sports:**
 - Active Chess player
 - Cultural Fest: Participated in Sargam in NHCE Bangalore
 - Non-Technical Club: Volunteered for Marathon
 - **Achievements & Responsibilities**
 - Organized and volunteered in technical and non-technical events.
 - Contributed as an active member of clubs and fests.
 - **Seminars & Technical Activities**
 - Attended seminar on Backend Development organized by ISE Department’s club.
 - Organized events for the technical club “Rise Club”.
 - Participated in Aptitude Hackathons.
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PERSONAL DETAILS

Date of Birth	:31/08/2005
Gender	: Male
Nationality	: Indian
Languages Known	: English, Hindi,Kannada
Hobbies	: Travelling,cycling,gaming