SADE HARSHA VARDHAN

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SUMMARY

I am a recent graduate from ANITS, Department of Electronics and Communication Engineering seeking a challenging role in a reputed organization where I can apply my technical knowledge, problem-solving skills, and coding skills. I am eager to work on real-world projects, learn new tools and technologies, and grow both personally and professionally.

EDUCATION

ANITS
B.Tech - ECE   CGPA : 8.46
2021 - 2025

SRI CHAITANYA JUNIOR COLLEGE
12th – BIEAP   CGPA : 8.39
2019 - 2021

SRI GAYATRI VIDYA NILAYAM
10th – SSC   CGPA : 9.30
2018 - 2019

SKILL

- Java Programming
- C programming
- HTML(Basic)
- SQL(Basic)
- Java+Spring Boot(Basic)
- Raspberry Pi, Ardunio Uno
- Creative Skills In Drawing

PROJECTS

- **CROWD DETECTION USING DEDDR2 MODEL**   **2024–2025**

  Developed a crowd counting system using the DEDDR^2 U–Net architecture for real-time density estimation. Integrated Raspberry Pi and stereo cameras for IoT-based edge processing .

- **GAS AND FIRE DETECTION USING ARDUINO UNO &MIT APP**   **2024**

  Built a real-time fire and gas detection system with Arduino UNO, using MQ sensors and LDR.Enabled wireless alerts and control via Bluetooth-connected Android app.

- **JAVA BASED CALCULATOR**   **2024**

  Developed a dual-function calculator application in Java, featuring both basic arithmetic operations and advanced scientific computations, including trigonometric and logarithmic functions. Utilized Java SDK and Visual Studio Code for development.

- **OBSTACLE AVOIDING ROBOT & CONTROLLER**   **2024**

  Built an Arduino robot with ultrasonic sensors for automatic obstacle avoidance and Bluetooth-based manual control via an MIT App Inventor.

INTERNSHIPS

- Internship-1
  BSNL   2023.
  (Visakhapatnam.)

- Internship -2
  All India Radio   2024.
  (Visakhapatnam)

ACHIEVEMENTS /CERTIFICATES

- Organised and manage Technex Event 2025.
- SQL(Basic) Hacker Rank Skill Certificate. 2025.
- Completed Programming In Java in NPTEL 2024.
- Completed Web Development Course In Udemy 2024.
- Completed Prompt Engineering and Advanced chatgpt in EDX 2024.
- Participated In Hardware Expo 2024.
- Participated In Ardunio Workshop by IEEE 2023.