




Jahnavi Karanam

Student


 jahnavi.kuruvalli@gmail.com

 9346967843

 Hyderabad, India

 Jahnavi Karanam

 Website Link

 jahnavikuruvalli

EDUCATION

B.Tech in ECE + M.Tech in CSP

08/2023 – Present

JNTU - Hyderabad

SKILLS

- Embedded C++
- KiCad PCB Design
- Python
- Website Creation
- C/C++
- JavaScript

LANGUAGES

English	<div><div></div></div>	Kannada	<div><div></div></div>
Telugu	<div><div></div></div>	German	<div><div></div></div>

PROJECTS

Biosense  12/2025 – Present

A real-time biosensor dashboard that visualizes ECG, PPG, heart rate, SpO₂, and temperature, using simulated or real sensor data for analysis and insights.

Hybrid Detection System  10/2025 – 11/2025

A smart, low-cost object detection system that combines computer vision (via camera) and light intensity sensing (via LDR + Arduino). The project detects the presence of objects using both optical input from a webcam and real-time brightness data from the LDR sensor, ensuring reliable detection even under varying lighting conditions.

STUDENT CLUBS

Ephemera 05/2024 – Present

(Literary Club @ JNTUH)

Lead Writer of Campus Newsletter

Google Developer Groups 10/2024 – 10/2025

(GDG-On Campus JNTUH)

Core Team Member