

Jahnavi Karanam

Student

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 Hyderabad, India

 Jahnavi Karanam

 Website Link

 jahnavikuruvali

EDUCATION

B.Tech in ECE + M.Tech in CSP

08/2023 – Present

JNTU - Hyderabad

SKILLS

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

LANGUAGES

English



Kannada



Telugu



German



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