

Palla Sai Kumar

(Electronics and Communication Engineering)
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EDUCATIONAL QUALIFICATIONS

Qualification	Institute Name	Year of passed	Aggregate
B. TECH (ECE)	GLOBAL COLLEGE OF ENGINEERING-KADAPA.	2023	71.2
INTERMEDIATE (MPC)	ABHYAS JUNIOR COLLEGE-PRODDATUR.	2018	64.3
SCHOOL	ZP High school, Uppalur.	2016	88

ACADEMIC PROJECTS

- Project-1 on 'CHILD ACTIVITY MONITORING SYSTEM' *Mentor: G. LAKSHMIDEVI*
Overview: The automatic recognition of child activity using multi-sensor data enables various applications. The approach we propose in this paper is to apply spectral analysis techniques of multiple sensor data for activity recognition.
- Project-2 on 'PASSWORD BASED DOOR LOCK SYSTEM' *Mentor: Dr. RAMJI*
Overview: Password based door lock system allows only approved persons to access restricted areas. This system is fully controlled by Arduino. The password can be entered via a keypad. If the password is matched with the stored password in Arduino, the door gets open
- Project-3 on 'AUTOMATIC THEFT DETECTION USING PIR, LASER SENSORS' *Mentor: S. FAROOQ ANWAR*
Overview: In this paper, we are providing a home security for the theft by implementing smart surveillance system using RP and PIR sensor.

TECHNOCAL SKILLS

- Python
- Java-Script, DOM
- HTML, CSS, Tailwind
- SQL

TECHNICAL PROJECTS

- E-Commerce Website using Java-Script**
Description: Developed an e-commerce website named "SHOP" using HTML, CSS, and JavaScript. Implemented a responsive design to ensure compatibility across devices. Integrated interactive features, such as a collapsible menu and dynamic product listing. Enhanced user experience with smooth navigation and natural layout.
- Responsive Multi-Step-Form**
Description: This project is a responsive multi-step form built using HTML, Tailwind CSS, and JavaScript. It includes a sidebar navigation with step indicators and dynamically transitions through multiple form steps, including personal details, plan selection, add-ons, and order summary. The design adapts to different screen sizes for a smooth user experience across devices.
- Project: Face Detection and Matching**
Description: Developed a face detection and recognition system using OpenCV and NumPy. The system identifies and measures facial features, verifies if two images belong to the same person, and can search for a face within a large image dataset. Implemented efficient preprocessing techniques to enhance accuracy and performance.

PERSONAL PROFILE

Name : Palla Sai Kumar

Nationality : Indian

Father name : Palla Nagasubbaiah

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