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

- **SQL**
- **Python**
- **Java-Script (Basics)**
- **React (Bascs)**
- **HTML, CSS, Tailwind**
- **Linux**

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	Mobile no	: +91-9703484853
Date of birth	: 07-02-2001		