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

TECHNICAL PROJECTS

- **Full Stack Todo App**

  Description: This is a Full Stack Todo Application built with the MERN stack (MongoDB, Express.js, React, Node.js). It includes user authentication, Todo creation, update, and deletion features, with separate front-end and back-end deployments on Render.

- **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.

TECHNOCAL SKILLS

- **Java-Script, DOM, React**
- **HTML, CSS, Tailwind**
- **Python**
- **SQL**
- **Selenium**
- **Problem Solving**

ACADEMIC PROJECTS

- **Project – 1: '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 – 1: '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

ACHIEVEMENTS

- Won **First Prize** in college-level **Project Presentation**, recognizing excellence in innovation and communication.
- Highest marks scored in the final project.

EXTRA CURRICULAR ACTIVITIES

- Participated in Paper Presentation & Technical Quiz
- Member of College Council