**Palla Sai Kumar** Email-id: [pallasaikumar432@gmail.com](mailto:pallasaikumar432@gmail.com) (Electronics and Communication Engineering) Mobile No: **+91-9703484853**

**EDUCATIONAL QUALIFICATIONS**

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| --- | --- | --- | --- |
| **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.

**TECHNICAL SKILLS**

* **Python:** Features, variables, identifiers, datatypes, built-in methods, operations, flow control statements, functions, types of arguments, return statements, importing process, OOPs concepts, regular expressions, file handling, exception handling.
* **SQL, HTML, Django**

**Technical Projects**

* + **Project-1: Face Detection using Python.**
  + **Description:** In this project, we've performed face detection and recognition by using OpenCV and NumPy. It works by identifying and measuring facial features in an image. Facial recognition can identify human faces in images or videos, determine if the face in two images belongs to the same person, or search for a face among a large collection of existing images.
  + **Project-2: Virtual Assistant**
  + **Description:** A virtual assistant in Python is a computer program that performs tasks based on user commands or interactions. It can provide information, execute specific functions, automate processes, manage data, and interact with other applications or systems.

**PERSONAL SKILLS**

* Communication skills and Leadership qualities
* Teamwork, Comprehension skills

**HOBBIES**

* Travelling, Volunteering
* Browsing internet, Playing badminton

**PERSONAL PROFILE**

Name : Palla Sai Kumar

Father name : Palla Nagasubbaiah Date of birth : 07-02-2001

Nationality : Indian

Mobile no : +91-9703484853