PETA SHIVANI

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BIO

As an Electronics and Communication Engineering (ECE) scholar, I am deeply immersed in the realms of technology, demonstrating proficiency in Python, Java, and C. As a driven and diligent college student actively seeking job opportunities, I am eager to contribute to a company's objectives significantly. With a motivated attitude and a robust skill set, I am committed to leveraging my capabilities to support the mission of an organization. Proficient in multitasking and adept at fostering collaborative environments, I am confident in my ability to make a meaningful impact. My passion for research motivates me to continuously explore new fields and expand my knowledge base

EDUCATION

Koneru Lakshmaiah Educational Foundations — **Hyderabad, India**

Bachelor of Technology – Electronics and Communication CGPA -9.08 — Sep 2021- Present

Narayana junior college — **Hyderabad, India**

Intermediate percentage -98 — Jun 2019 – Jun 2021

SKILLS

- **Languages:** Python, Java, C, R
- **Databases:** MySQL
- **Concepts: O**OPs (Object-Oriented Programming), Data structures, Data Science
- **Soft Skills:** Communication, Collaboration, Adaptability
- **Hobbies**: Dancing, Cooking, Traveling

PROJECTS

Project 1- Infrared (IR) door system into an Embedded Systems Design (ESD)

- Develop an Infrared (IR) door system as an embedded systems project, integrating hardware and software components to automate door operation based on IR sensor input.
- One of the most popular tools for 8051 microcontroller programming. Keil provides a comprehensive development environment that includes a compiler, assembler, debugger, and simulator. It's widely used in both academic and professional projects for ARM, 8051, and C166 microcontrollers.

Project 2- Smart Automation -

- Developed an Automatic Door Opener System using an IR Sensor/Ultrasonic Sensor and Arduino. The system automatically opens and closes doors upon detecting the motion of a person or object.
- Implemented Arduino code to interface with ultrasonic and IR sensors, measuring distances and detecting object presence. Designed and integrated an LED indicator for visual proximity feedback

Project 3- Multilingual Speech Recognition (working on it)

- Developing a Multilingual Speech Recognition system capable of accurately interpreting speech in multiple languages, enhancing communication accessibility and user experience.
- Developing a Multilingual Speech Recognition system leveraging Kaldi software and Audacity for preprocessing audio data and training speech models