VENKAT PRANEETH PUTLA
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PROFILE SUMMARY

Enthusiastic and motivated fresher with a strong interest in embedded systems and IoT technologies. Currently learning driver and firmware development for embedded platforms, with a focus on programming in C, C++, and exploring Rust. Gaining knowledge of Linux platforms and deepening my understanding of Wi-Fi standards (IEEE 802.11a/b/g/n/ac/ax) and related protocols. Passionate about leveraging technical skills to develop innovative solutions for embedded and IoT applications, while continuously enhancing my expertise in this dynamic field.

EDUCATION

B.E(Electronics and Communication Engineering) CGPA: 6.8/10
Matrusri Engineering College, Saidabad, Hyderabad **2021-2024**

EXPERIENCE

LabVIEW Industrial Automation Based Professional Training, |Bengaluru, Karnataka May-June/2023 LabVIEW is a graphical programming environment that provides unique productivity accelerators for test system development, such as an intuitive approach to programming, connectivity to any instrument, and fully integrated user interfaces

SPR Human Capital solutions| Hyderabad, Telangana Nov/2020 - May/2021
Fiber Optics Technician Training program provides hands-on instruction in fiber optic cable installation, splicing, testing, and maintenance. The training prepares technicians for certification and successful careers in high-speed network infrastructure

PROJECTS

Four Element Octogonal MIMO Antenna with Enhanced Isolation for ISM/LTE/5G Applications
To design compact quad-port MIMO antenna,utilizing innovative elements such as tapered feedlines and ground plane stubs and to achieve enhanced bandwidth,isolation,diversity performance for applications in bluetooth,ISM band,WLAN/wi-fi,and 5G.

Smart Blind Cap Using Arduino
To develop an ultrasonic sensor based smart cap prototype as an electronic travel aid for blind people that can help them travel independently. The tools used are Arduino UNO(A Tmega328p),ultra sonic sensor, buzzer,cap,wires and battery.

TECHNICAL SKILLS

- Front-End Technologies: HTML, CSS,JavaScript
- Frameworks: Bootstrap,MySQL,React.js
- Developer Tools: VS Code, Git, GitHub

SOFT SKILLS

- Work Ethic, Problem-solving, Adaptability, Communication, Patience, Flexibility, Time management, Troubleshooting.

CERTIFICATIONS

- Certified in Center of Excellence, Provided by **LabVIEW** Academy.
- Certified in SPR Human Capital Solutions,Optical Fiber.