LAKSHMI PRASANNA PANDI

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Objective:

I am a dedicated and enthusiastic Computer Science Engineering undergraduate seeking an internship opportunity to apply my skills in software development, data analysis, and artificial intelligence/machine learning (AIML). I aspire to gain hands-on experience and contribute to innovative projects while fostering continuous learning and professional growth.

Education:

Bachelor of Technology in Computer Science And Engineering, GITAM Hyderabad, May 2027, CGPA:7.84

Intermediate education, Narayana Jr. College, Telangana State Board of Intermediate Education, April 2023, Grade:87.1%

Secondary School, Life Line High School, Telangana Board of Secondary Education, March 2021, GPA:10

Technical Skills:

- **Programming Languages:** C, Python, Java(learning)
- **Tools/Technologies:** GitHub, VS code, MS Office Suite, Data Analysis, MySQL

Soft Skills:

Problem-Solving:
Developed an innovative smart gas and smoke detector by addressing challenges in sensor calibration and ensuring accurate detection. Successfully implemented a feature to send SMS alerts during emergencies, enhancing safety and usability.

Teamwork:
Worked closely with a team to design a multipurpose safety device for homes. Actively participated in brainstorming, shared technical inputs, and contributed to the smooth integration of components, leading to a functional and efficient prototype.

Projects:

Puzzle game: Developed a fun and interactive puzzle game where players solve puzzles by arranging tiles to form a complete image or pattern. The game includes various difficulty levels, a

timer, and a scoring system to track the player’s performance.

- Developed a web application for fun and interaction.
- Technologies Used**:** Python, Pygame (for game development)Created an engaging game that enhances problem-solving skills and provides users a challenging and entertaining experience.

Multipurpose safety knob:

- Designed and implemented a safety knob for homes, which senses damage to household items and triggers safety mechanisms. The device provides real-time alerts, helping ensure home safety by preventing accidents caused by unnoticed damage.
- using Arduino, Sensors, three and D Modeling Software (for prototype design)
- Collaborated with a team of 4 students to deliver the project on time.

Extracurricular Activities:

- Participated in a hackathon organised by IIT Madras.
- First place in the Camlin School Drawing Competition.
- Member of the Kho-Kho team in school.
- Basics of Kuchipudi