

SONDOORU SASI KUMAR REDDY

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Objectives

To achieve high career growth through a continuous learning process and keep myself dynamic, visionary and competitive with the changing scenario of the world.

Behavioral Competencies

- ✓ Collaborative working.
- ✓ Attention to detail.
- ✓ Execution excellence.
- ✓ Client (internal) centricity.
- ✓ Effective Communication.

Skills

Computer Languages: Java.

Web Development : HTML, CSS, Java-Script.

Database : Oracle.

Projects

IOT-Enhanced Smart Parking System with Arduino Uno and Python

Developed a Smart Parking System using IOT Arduino Uno, Python and making It easier, more efficient.

- Devised and implemented an efficient algorithm for autonomous parking optimizing space utilization and navigation
- Integrated ultrasonic sensors to provide real-time distance measurements, enhancing the precision of vehicle movements
- Implemented robust safety features, including emergency stop functionality, to guarantee secure and reliable system performance
- Conducted comprehensive **testing** and **debugging**, addressing technical challenges to achieve a high level of operational dependability
- Generating detailed documentation encompassing circuit diagrams and code explanations, facilitating future maintenance and understanding
- Established effective communication protocols between Arduino and **Python** components, ensuring seamless integration and cohesive system functionality

Education

Sri Indu college of engineering and technology, Hyderabad, India

2019 - 2023

- Branch: Electronics and Communication Engineering | CGPA: **8.12**

Hyderabad Institute of Excellence, Vikarabad, India

2017 - 2019

- *TSBIE (Class XII), Aggregate: **94%***

Internship

TLC Group

DEC'22 – MAY'23

- Gained a strong understanding of Embedded system and IOT
- Developed high-level projects using IOT
- VLSI Design and implementation
- Understanding real time work nature and industry trends and best practices IOT environment

Achievements

- Earned a certificate in java at [hacker rank exam](#)
- Solved over 300 coding problems across all the sites [Code chef](#) and hacker rank

Declaration:

I hereby declare that the above information furnished is true to the best of my knowledge and belief.

Place: HYDERABAD,

SIGNATURE

(S.SASI KUMAR REDDY)