

**Kasireddi Kavya Tulasi Sagarika**  
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**Career Objective:**

To obtain a position that will enable me to use my strong organizational skills, award-winning Educational background and ability to work well with people.

**Educational Qualification:**

- Graduation (B.Tech- ECE) from BITS VIZAG (2015- 2019) with 71%.
- Intermediate in MPC from Sri Chaitanya Junior College (2013-2015) with 81%.
- SSC from Priyanka's Vidhodaya High School in year 2013 with 6.8 CGPA .

**Technical Skills:**

- MS Office
- C-Sharp(C#)
- SQL Server
- .Net (Perusing)
- OOPS

**Projects:**

**Low Power and Area Efficient GDI Based Using ALU**

- The project presents to design of 1-bit Arithmetic and Logic Unit by taking the advantage of concept.
- Called Gate Diffusion Input Technique (GDI). Arithmetic and Logic Unit is the important block to design the embedded and microprocessors. The Arithmetic Unit will do the arithmetic operations, as ADDITION and SUBTRACTION.
- The Logic unit will do the logic operations as AND, OR, XOR and XNOR by using the concept GDI technique. The simulation results were taken using the Tanner EDA tool. The simulation results tells that the design is more efficient compared with the CMOS logic with less area and power consumption.
- To reduce the power consumption of data path, we need to reduce the number of transistors.

**Electronic Dice**

- It is very simple and easy to construct a project on electronic dice circuit that will display random Numbers from 1 to 6 on the 7 segment display. It is based on NE555. This is an alternative device that can be used to replace the traditional dice when playing games such as snake ladder, monopoly etc.
- While NE555 is a well- known multi-vibrator is a medium speed that works at 10MHz and has 8 decoded outputs.

**IR Sensor**

- A passive infrared sensor is an electronic sensor that measures infrared light radiating from objects in Its LED of view.
- They are most often used in PIR-based motion detectors from subjects.

**Industrial Exposure:**

- Telecom Network Bharat Sanchar Nigam Limited (BSNL)
- All India Radio Station

**Personal Strengths:**

- Good listener
- Learning ability
- Hard working
- Open minded to new experiences

**Special skills:**

- Good communication and presentation skills
- Goal oriented and Self-motivated to learn new things in any situation and ability to work in a dynamic environment.
- Motivating and helping others.

**Personal Profile:**

Name : Kasireddi Kavya Tulasi Sagarika  
Father's Name : Kasireddi Ramesh  
Date of Birth : 21/07/1998  
Gender : Female  
Languages Known : English, Telugu  
Marital Status : Unmarried  
Nationality : Indian  
Hobbies/Interests : Indoor games, Travelling, Cooking, Listening Music.

**Declaration:**

I hereby declare that all the above mentioned information given by me is true and correct to the best of my knowledge and belief.

**Place:** Visakhapatnam

**Date:**

[Kasireddi Kavya Tulasi Sagarika]