



KRISH SAKARIYA



krish.sakariya117759@marwadiuniversity.ac.in



8511199982



Rajkot, India



linkedin.com/in/KRISH SAKARIYA



facebook.com/Krish Sakariya



instagram.com/krishsakariya03

SKILLS

Sports

Soldering

LANGUAGES

Hindi, English, Gujarati
Elementary Proficiency

EDUCATION

ICT DIPLOMA

Marwadi University

2022 - 2025

6.31

1 to 10

P V Modi School

WORK EXPERIENCE

*

Fresher

OBJECTIVE

Seeking to leverage my pursuit of an ICT diploma to embark on a rewarding career in the IT sector, with a particular focus on becoming a proficient frontend developer. Committed to acquiring and applying the latest technological skills and knowledge to contribute effectively to innovative projects and initiatives within the industry.

CERTIFICATES

Computer hardware basics (2023)

Data visualization with R (2024)

R for data science (2024)

Excel for beginners (2024)

Network Basics (2024)

PERSONAL PROJECTS

555 timer circuit (2022 - 2023)

- If the Threshold Pin (Pin-6 of the 555 timer IC) senses any voltage more than 2/3rds of the supply voltage, it turns OFF the output. Whenever the output of the 555 timer IC is in OFF state, the Discharge Pin (Pin-7) acts as ground/negative rail i.e, it is internally connected to 0V.
- In this 555 timer project, I have shown how to make a time delay relay circuit using 555 timer IC to automatically turn Off the switch after a predefined delay.
- In this article, I have shared the required components, complete circuit diagram, PCB layout, and all other details for this simple 555 timer project.
- In this circuit, if you want to use the 5V DC supply, then use the 5-volt relay instead of the 12-volt relay. The delay time depends on the R2 resistor and C1 capacitor. For the constant delay time use a fixed resistor in R2, but for the adjustable off delay time, you can use a 1M POT. I will discuss how this circuit works later in this article.