

# Yogendra Rajpoot

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## EDUCATION

### SHRI MATA VAISHNO DEVI UNIVERSITY

BTECH IN ELECTRONICS & COMMUNICATION

Aug 2020-24 | Katra, J&K, INDIA  
CGPA : 6.72

### M.M.D.A.INTER COLLEGE

12th-High school. May 2019 | UP, India  
78%

## LINKS

Codestudio: [//yogendra](#)  
Geeksforgeeks: [yogendra](#)  
Leetcode: [yogendra](#)

## SKILLS

### PROGRAMMING

C++ (DSA) • IoT •

### TOOLS/PLATFORMS

• html css • SQL  
Git • Microprocessor • VLSI • Verilog

## ROLES AND

## RESPONSIBILITY

### FRONT END DEVELOPER GDSC SMVDU

Designed login and sign up pages for website  
Responsible for smooth conduct of gdsc session

## EXPERIENCE

### SHRI MATA VAISHNO DEVI UNIVERSITY | VLSI INTERN [Exp Cert](#)

July 2022 – August 2022 | SMVDU, JK, India

- Researched and worked on Inverter, AND, OR logic gates etc, and created reports on research activities.
- analysed power consumption and delay of the MOS gates

## PROJECT

### IOT-BASED-ULTRASONIC-RADAR-SYSTEM | IoT | AURDINO | ULTRASONIC SENSOR | SERVO MOTOR | VISUAL SOFTWARE SKILLS [link](#)

- project utilized an ultrasonic sensor to capture real-time distance data, which was then processed to control a servo motor for directional movement.
- The integration of visual software provided a user-friendly interface to monitor and analyze the radar's output.
- Through this project, I demonstrated my proficiency in IoT technology, hardware interfacing, and software integration

### WATER ALARM SYSTEM PCB DESIGN | PCB MANUFACTURING AND DESIGN, [See Project](#)

- conceived and executed a water alarm system, showcasing my expertise in PCB design and manufacturing.
- project involved creating a custom PCB to accommodate water sensors, signal processing components, and an alarm module.
- By seamlessly integrating hardware and design,
- I demonstrated my ability to transform conceptual ideas into practical, functional solutions.

## AWARDS AND ACHIEVEMENTS

2023	1st round	Coding Ninjas CodeKaze Challenge
2023	500+	DSA & CP questions on multiple platform
2023	web developer	Google developer student club