NILESH SOLANKI

Aspiring Electronics Engineer

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📍 Chittorgarh, Rajasthan   in nilesh-solanki-7a267b226

OBJECTIVE

Learning and leveraging technical skills to design and execute high impact projects.

WORK EXPERIENCE

In-House Training Student

College of Technology and Engineering

📅 June 2022 – July 2022   📍 Udaipur, IN

- Created a Dual Regulated Power Supply circuit using bridge rectifier and both type of Component Testing (Hot and Cold) was also done
- Developed a R-C Phase Shift Oscillator and assembled the circuit on board to make a training kit.
- Designed and analysed an Operational Amplifier using LM series ICs

PROJECTS

Smart Switch

March 2022 – April 2022

- Developed an IoT based application system which uses Bluetooth communication with Arduino and Bluetooth module to work an AC load as a switch using Mobile Phone and it was also made .

Robotic line following Car

May 2022 – June 2022

- Developed a robotic car using IR sensor module which drives automatically on a line and doesn't deviate from its path.

Obstacle avoiding Car

August 2022

- Developed a robotic car using ultrasonic sensor which senses the object distance and determine the distance to stop before colliding with the object.

Mobile(Remote) controlled Boat

November 2022

- Developed a robotic boat using ESP-32 MCU Module operated by mobile phone using Bluetooth communication.

Laser Trip Wire

February 2022

- Developed a simple security system which sounds the alarm whenever an authorised person enters the room by tripping the invisible laser.

Light Activation Motion Sensor

March 2023

- Developed a simple system which uses a PIR(Passive Infrared) sensor module to trigger the NE555 Timer IC which triggers the relay and thus activating the light bulb .

EDUCATION

College of Technology and Engineering,Udaipur

B-Tech,Electronics and Communication Engineering

📅 2021 – Pursuing   📍 Udaipur, Rajasthan

Shahid Major Natvar Singh Shakhtawat Govt. Sr. Sec. School

Class 12th

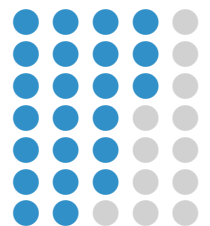📅 2019 – 2020   📍 Chittorgarh , Rajasthan

COURSES TAKEN

- Complete Course Of C Language.
- Complete Course Of OOPs in C++.
- Course for Front-end Web Development.
- Course For Full Stack Web developer

ACCOMPLISHMENTS

- Secure 5th posistion in competition For Building IOT based Smart Switch Contest
- Secured 2nd position in Robotic Car Race.
- Won Math based Project Competition in Science fair In school,2016
- Won Science Quiz Competition in 10th Standard.

SKILLS

CSS
HTML
Web Designing
C
C++
OOPs in C++
Java Script

STRENGTHS

Hard-working   Good Communication skills   Persuasive
Team Work   Time Punctual   Supportive Behaviour
Flexible