

NITISH CHAVAN

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SUMMARY

Recent graduate with excellent research, technical, and problem-solving skills. Detail-oriented and able to learn new concepts quickly, with the ability to contribute to a team environment and a higher degree of professionalism and skills. Demonstrate the ability to contribute multiple tasks concurrently and deliver results in a fast-paced environment, as well as the ability to perform under a stringent timeline.

EDUCATION

Don Bosco Institute of Technology | B.E. (Electronics & Telecommunication Engineering)

2024

PROJECT DESCRIPTION

June-23 to May-24

Multi object detection and analysis with different sensors

In the operation theater, we deployed a multi-object detection system combining an AC dimmer circuit with LiDAR interfacing. The LiDAR sensor, boasting an angle of coverage of 8 to 10 degrees, offers precise object detection capabilities. With an impressive accuracy level of $\pm 3\%$ error in detection, the sensor swiftly relays object proximity data to the Arduino board. Leveraging the Arduino IDE software, we programmed the system to adjust the dimming of the bulb seamlessly as objects approach within the sensor's range. This dynamic control ensures optimal illumination levels while minimizing disruptions during surgical procedures. (Technologies/Tools Used: LiDAR Sensors, IR Sensors, Arduino UNO, Arduino IDE.)

E-commerce Website (Nike Store)

Designed and developed a dynamic e-commerce website for a Nike store using HTML, CSS, and JavaScript. Focused on creating a responsive and user-friendly interface for seamless shopping across devices. Implemented interactive features, integrated secure payment systems. Enhanced the site's performance and accessibility through clean code and optimized design, ensuring a fast and visually appealing experience for customers. (Key Skills : HTML, CSS, JavaScript)

TECHNICAL SKILLS

- Python
- JavaScript
- MySQL
- React Js
- HTML
- CSS
- Git/Github

ACCOMPLISHMENTS

- Awarded for INNOVEX-Mini Project TE.EXTC held on 13th April 2023
- Awarded for HAM Radio Workshop held on 1st April 2023

CERTIFICATIONS

- Certification in Python, MYSQL.

SKILLS

- Leadership
- Time Management
- Multitasking
- Good communication skill
- Organization and Time Management
- Fast Learner
- Problem solving
- Responsible and Punctual

ACTIVITIES

- State level Cricket Player, Selected from Cricket academy to play for Rizvi School of cricket.

LANGUAGES

- English
- Hindi
- Marathi

SEMINARS / TRAININGS / WORKSHOPS

- HAM radio Workshop – IEEE DBIT, Mumbai (31-Mar-2023 to 1-Apr-2023).
- Robotics Workshop – Don Bosco Institute of technology (13-Mar-2019 to 14-Mar-2019).