

Yash Bhushan

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Education

- **B.M.S College of Engineering, Bengaluru** 2021-2025
B.E Electronics and Communication Engineering CGPA: 7.3
- **Sarvodaya Sr. Secondary School, Kota** 2020
Central Board of Secondary Education, 12th Percentage: 80
- **Lions International School, Ankleshwar** 2018
Central Board of Secondary Education, 10th Percentage: 81

Projects

- **Virtual Canvas** Feb 2024
Developed a virtual canvas using hand gesture recognition and computer vision techniques.
 - Tools used: OpenCV, Mediapipe, Python.
 - Implemented real-time hand gesture recognition to allow drawing and object manipulation on a virtual canvas.
 - Created a smooth user interface using Python scripts for seamless drawing and editing.
- **Shrimp Detection** Mar'24-Pres
Detection of shrimp using image processing techniques, applicable in marine environments.
 - Tools used: Raspberry Pi, Sensors, OpenCV, Python Programming.
 - Implemented to detect shrimps using Image processing algorithms with Raspberry Pi and Sensors.
 - Integrated hardware and software using a simulator for testing and real-time detection.
- **IoT-based food spoilage detection** Jan 2024
Detection of spoilt food using IoT technology, applicable in stores, warehouses, and grocery stores.
 - Tools used: Arduino IDE, Arduino UNO, Node MCU, IoT platform: Blynk IoT
 - Implemented to detect any spoilt food using Arduino and Node MCU.
 - Utilized the Blynk IoT platform for monitoring and control.
- **Shop It: An Ecommerce Website:** June 2024
A platform to digitalize offline sellers.
 - Tools used: React, Firebase, JavaScript, Redux-React Toolkit Git & GitHub
 - Provides an e-commerce platform to digitalize offline sellers.
 - Utilized Firebase for backend including authentication and database.
 - Implemented features like authentication, admin dashboard, add to cart, order history, and checkout.
 - Focused on good user experience and responsive design.

Technical Skills and Interests

Languages: C++, JavaScript, Python.

Developer Tools: HTML, CSS, JavaScript, MySQL.

Databases: MySQL, MongoDB, Cassandra.

Cloud: Microsoft Azure, AWS.

Coursework: OOPs in C++, Operating Systems, Data Structures & Algorithms, DBMS, Computer Networks.

Areas of Interest: Problem-Solving, Cloud, Web Development.

Soft Skills: Leadership, Time Management, Communication Skills, Adaptability, Teamwork.

Positions of Responsibility

- **UTSAV 2024:** Senior Coordinator in Multimedia.
- **UTSAV 2023:** Senior Coordinator in Multimedia.
- **Product-Folks (Un)Conference:** Volunteer in Media Team.

Coding Profiles

- **DSA Problems Solved** on platforms like [LeetCode](#), [GeeksforGeeks](#)