

# Tulsi Bhushan

+91 7506388907  
bhushantulsibidya@gmail.com

in /tulsi-bhushan  
/tulsi-bhushan  
/blog-website

## Education

### Dwarkadas J. Sanghvi College of Engineering

B.Tech in Electronics and Telecommunication Engineering  
Honors in IoT and 5G: Internet Connectivity

2021-2025  
Avg CGPA: 8.9

### D.G. RUPAREL COLLEGE

XII- HSC

2019-2021  
94.6

## Experience

### Jitulex

IoT and Coding Intern

Jan 2024-Feb 2024  
Borivali, Mumbai

- > Designed and Implemented Home Automation using NodeMCU and MIT App Inventor

### DJS ARYA

Electronics Member

2023-2024

- > As an Electronics Team Member for the CanSat competition in the USA, I efficiently deployed a CanSat using embedded systems and presented the Critical Design Review.
- > I also implemented two-way communication using XBee and managed coding for the container software state.

## Projects

### Real-Time Crop Monitoring and Control System

2024

- > Developed a website for real-time crop monitoring that includes features such as real-time data viewing, remote actuator control, live video streaming, and data logging in CSV format.
- > It supports two-way communication for data interpretation and analytics. The Website is build using HTML, CSS, JS and JSON.

### Satellite Software Development

2023

- > Implemented satellite software states by interfacing hardware and creating an IoT system using C++.
- Developed software for successful CanSat ascent and descent, and facilitated communication with the ground station GUI.

### Building Ecommerce Website and Game Application using MERN stack.

2024

- > Deploying responsive and working E-commerce Website and Game application using MERN stack.

## Achievements

- > Secured First runner-up in UNPLUGGED Hackathon organized by IETE. Won 3rd place at Tech Expo, and got Best Department award.
- > Won second place for Smart and Automated Greenhouse Project in Prakalp 2.0
- > Won 1st Place in DJS Strike Competition
- > Shortlisted for IC-SIT Competition.

## Skills

**Languages:** C/C++, HTML, CSS, JS, MERN stack, Python, React, DSA

**Software Application** Arduino IDE, Express PCB, KiCad, Embedded Coding, MIT app Inventor

**Soft Skills** Presentation skills, Teamwork and collaboration, Time management, Leadership