

# Tejas Surve

Maharashtra, India

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## SUMMARY

I'm a passionate and curious student currently pursuing a degree in Electronics & Telecommunication Engineering.

I enjoy exploring real-world applications of technology, especially in

Data analytics, Embedded Systems, IoT, and Wireless Communication.

I've worked on practical projects, attended technical workshops, and consistently try to apply what I learn through experimentation and certifications.

My learning approach is hands-on, and I enjoy challenges that push my technical and creative thinking.

🎯 Interests: Data Analytics | Embedded Systems | IoT | MATLAB | Microcontrollers (ARM, STM32) | Communication Systems | Power Electronics | ROBOTICS | AUTOMATION.

## EXPERIENCE

### Jr. Programmer Intern

Dec 2024 - Jan 2025

Laser Automation Private limited | India

- Worked on the Programming basics and programmed various PLC for variety of industrial applications.

### Control Engineer

Jul 2022 - Aug 2022

Mikro Innotech India Pvt. Ltd. | India

Got an Paid Internship Opportunity And an sponsorship for my Diploma Final year Mega projects.

- Gained hands-on exposure to control systems and industrial automation processes.
- Collaborated across departments to understand integrated workflow and system design
- Observed PLC operations and control panel integration in real-time projects.
- Strengthened technical and cross-functional coordination skills.

## EDUCATION

### BE in Electronics and Telecommunications | PVGCOET & GKPIOM, Pune

Jan 2023 - Present

Competed at Various National level Robotics competition

RANKED 4 at Roborashtra A national level Robotics competition at PCCOER in collab With DIAT(DRDO).

CGPA:-7.26(Till 6th SEM.)

### Diploma, Entc | Bharati Vidyapeeth's Jawaharlal Nehru Institute of Technology (Polytechnic / Diploma), Katraj, Pune

Dec 2020 - Jun 2023

Competed and got prizes At various State and National level technical paper presentation Competitions.

Helped in And build an many successful college events by the playing a main role

PERCENTAGE:-85.47

RAMKED 1st at College Level In MSBTE exam.

### SSC | Blue Heavens English Medium School Pune

Competed at city level Shotput competition

PERCENTAGE:-88.20

## CERTIFICATIONS

[Deloitte Australia - Data Analytics Job Simulation](#), Forage

[Roborashtra 2k24](#), CertifyMe

[C&C++ DEVELOPER](#), VITS IT SERVICES, PUNE

## PROJECTS

### HUMANOID AND FIGHTING ROBOT

- Created a competitive fighting robot through design, construction, testing, and preparation, aiming for functionality, performance enhancement, compliance with competition rules, and comprehensive documentation to share insights with others.

### PORTABLE ECG MONITORING MACHINE

- Analyzing or monitoring the ECG signal at the initial stage heart attacks can be prevented. So this project, i.e ECG Monitoring with AD8232 ECG Sensor & ESP32 with ECG Graph.  
So i worked on the signal processing & Data analysis of the ECG graph and upload it on the free cloud website using IOT to store the data

### THERMOBOT

- Our project offers an autonomous thermal inspection robot for precise internal thermal imaging of machinery. It ensures early overheating detection, reducing failures, downtime, and maintenance costs. This efficient and cost-effective solution enhances safety, energy efficiency, and reliability across various industries.

## SKILLS

- TOP SKILLS WORKED ON:-** CAD DESIGN, Android Development, Power Systems, ARDUINO PROGRAMMING, CLOUD DATA, Internet of Things (IoT), ESP32 Microcontrollers, PLC Programming, Laser Marking, Electronic Control Systems, Robotics, Embedded Systems, Control Systems Design, Communication, Time Management, Microsoft PowerPoint, Microsoft Word, Microsoft Excel, Project Management, Public Speaking, Presentation Skills, Data Analysis

## VOLUNTEERING

STUDENT VOLUNTEER HEAD(SVH), Bureau of Indian Standards, PUNE

Jun 2021 - May 2023