

# TEJAS SURVE

☎ 9370041601 • ✉ [tejassurve601@gmail.com](mailto:tejassurve601@gmail.com) • 📍 Maharashtra, India • [in LinkedIn](#) • 🌐 [Portfolio](#)

## SUMMARY

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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.

I'm currently looking for internships, collaborative projects, and learning opportunities where I can contribute, grow, and gain industry exposure.

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

📁 Explore my academic and project achievements at: <https://tejaas2110.github.io/TEJAS-PORTFOLIO/>

## EXPERIENCE

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### Laser Automation Private limited

India

*Jr. Programmer Intern*

Dec 2024 – Jan 2025

- Worked on the Programming basics and The various PLC operated Laser CNC machines.

### Mikro Innotech India Pvt. Ltd.

India

*Control Engineer*

Jul 2022 – Aug 2022

- Worked With various departments of the company Also gained practical insights of how departments worked together.
- Also Studied how all the department are interlinked with each other

### Vertex IT Services (VITS)

India

*C & C++ Developer*

Feb 2022 – Apr 2022

- HAS SUCESSFULLY COMPLETED A COURSE OF STUDY IN C & C++ PROGRAMMING

## EDUCATION

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### PUNE VIDYARTHI GRIHA'S COLLEGE OF ENGINEERING, Pune

Jan 2023 – Present

Bachelor of Engineering - BE, Electronics and Telecommunications in Electronics and Telecommunications

- Competed at Various National level Robotics competition

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

Dec 2020 – Jun 2023

Diploma, Entc in Entc

- Competed and Win At various State and National level paper presentation Competitions.
- Helped in And build an many successful college events by the playing a main role

### Blue Heavens English Medium School Pune

SSC in SSC

- Competed at city level Shotput competition

## CERTIFICATIONS

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

[Roborashtra 2k24](#), CertifyMe

### **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 workend on the signal processing 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

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**Top Skills:** Computer Numerical Control (CNC), CAD DESIGN, Android Development, Power Systems, ARDUINO PROGRAMMING, CLOUD DATA, Internet of Things (IoT), ESP32 Microcontrollers, PLC Programming, CNC Operation, Laser Marking, Industrial Control, Electronics, Electronic Control Systems, Robotics, Embedded Systems, Control Systems Design, Communication, Time Management, Microsoft PowerPoint, Microsoft Word, Microsoft Excel, Project Management, Public Speaking, Presentation Skills