Tejas Surve

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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.

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

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

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

Deloitte Australia - Data Analytics Job Simulation, Forage

Roborashra 2k24, CertifyMe

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: 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