

# ADITYA WARKAR

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Motivated Electronics and Telecommunication Engg. candidate with strong practical skills, interest in emerging technologies. Quick learner with proven teamwork and leadership experience, new challenges and grow in a dynamic engineering environment.

## Education

### RTMNU, Priyadarshini College Of Engineering

*B.Tech., Electronics & Telecommunication; CGPA: 6.82 (till 6th sem)*

– Relevant Coursework: Digital Electronics, Microcontrollers, Embedded Systems, IoT Applications.

Sep 2023 – July 2026

Nagpur, India

### Government Polytechnic Nagpur

*Diploma in Electronics & Telecommunication Engg.; 77.32%*

– Designed multiple circuit projects; collaborated in robotics competitions.

Jan 2021 – July 2023

Nagpur, India

### Balaji Convent Higher Secondary School

*SSC (State Board); 80.40%*

Jan 2019 – July 2020

Nagpur, India

## Skills

**Languages:** Embedded C, Java

**Tools/Frameworks:** PCB Layout Design, IoT Simulation, HTML, Tableau, MS Office

**Platforms:** Arduino IDE, VS Code, Firebase, Blynk IOT, Tinkercad, Kicad, Virtual Labs

**Other:** Technical Domain, User Research, Prototyping, Team Building, Leading Tasks, Tech Visions

## Experience & Internships

### IoT & Robotics Developer

*Webdroid Edutech*

– Designed and tested IoT and robotics hardware modules.

– Collaborated on prototyping and troubleshooting systems.

Dec 2024 - Jan 2025

Nagpur, India

### Network Planning And Implementation

*IT-NetworkZ*

– Planned and implemented small office network topologies.

– Worked with routing protocols and switch configurations.

July 2022

Nagpur, India

## Projects

### EduPorter – Autonomous Campus Assistant Robo

*Arduino Uno, Embedded C, NodeMCU, IR Sensor, Ultrasonic Sensor, Path Detection*

– Engineered Autonomous delivery of lab kits using obstacle detection, Efficient Monitoring and smart navigation.

2025-2026

### IoT Based Home Automation

*Embedded C, ESP WiFi, Blynk IoT*

– Engineered smart home system for appliance monitoring and remote control using mobile app integration.

2023-2024

### Attendance Counter Using Arduino

*Embedded C, Arduino Uno, IR Sensors*

– Built contactless people counter for classrooms using IR sensors and Arduino with LCD display.

2022-2023

## Positions of Responsibility

President, Tele-Era Student Forum, PCE (2025 – Present): Students Representative, execute tech-focused events.

Secretary, Tele-Era Student Forum, PCE (2024 – 2025): Organized technical events, managed student teams.

Volunteer, Zonal TechFest IIT Bombay, PCE, Oct 2024: Assisted in event operations and logistics.

Vice-Chairman, IETE Students Forum, GPN (2022 – 2023): Lead Teams, Coordinated workshops and competitions.

Executive Member, IETE Students Forum, GPN (2021 – 2022): Supported club activities and technical fests.

## Achievements & Awards

Certified for Successfull Completion of 4-Days VLSI workshop.

Certified for Successfull Completion of Deloitte Data Analytics Virtual Internship: Build Tableau Dashboards & Analyzed Excel

Certificate of Appreciation, Presentation Competition – Electronic Assets.

Runner Up, Inter-Department Technocarts Project Exhibition: Presented working IoT prototype.