

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

2025-2026

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.

IoT Based Home Automation

2023-2024

Embedded C, ESP WiFi, Blynk IoT

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

Attendance Counter Using Arduino

2022-2023

Embedded C, Arduino Uno, IR Sensors

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

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.