

Riya Rajput

✉ riyarajputz456657@gmail.com ☎ 7668588025 📍 AGRA, UTTAR PRADESH ,INDIA

🌐 www.linkedin.com/in/riya-rajput-23710a310

👤 Profile

Enthusiastic Electronics and Communication Engineering final-year student with strong English communication skills, good typing speed, and basic computer knowledge. Seeking an entry-level opportunity where I can apply my skills, learn from real-world exposure, and grow professionally.

📁 Professional Experience

INTERN,, ADRDE,DRDO 06/2025 – 07/2025 | AGRA.UP

- Developed an Autonomous Pressure Control Unit using Arduino and LabVIEW for real-time monitoring and automation of pressure levels.
- Designed a LabVIEW GUI communication for data visualization and monitoring, integrating sensors, actuators, and LED indicators.
- Gained hands-on experience in embedded programming, LabVIEW interface design, and hardware-software integration for automation systems.

🎓 Education

B.TECH(ELECTRONICS & COMMUNICATION), 2022 – Present | AGRA , UP
RBS Engg. Tech. Camous Bichpuri (Aff. to AKTU)

INTERMEDIATE, ST. Andrews School 2022 | AGRA,UP

HIGH SCHOOL, ST.Andrews School 2020 | AGRA, UP

🧠 Skills

TECHNICAL LANGUAGES

PYTHON || C-Programming || MATLAB

DESIGN SOFTWARE

LABview

EMBEDDED SYSTEMS

Arduino-IDE || TinkerCAD

ENGLISH

Communication

COMPUTER SKILLS

MS Office: Word, Powerpoint

E-Mail writing and basic documentation

Certificates

EMBEDDED SYTEMS

(Mind Luster)

GENERATIVE AI

(DeepLearning.AI)

VLSI Workshop

(IIT-DELHI)

Projects

FLOOD DETECTION AND MONITORING SYSTEM

12/2024 – 01/2025

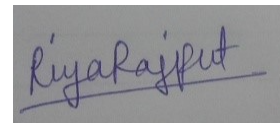
- Designed and implemented a Flood Detection and Monitoring System using Arduino and water level sensors to track real-time water levels.
- Integrated buzzer and alert mechanism to notify critical water rise conditions, ensuring early warning capability.
- Enhanced practical skills in sensor interfacing, embedded programming, and IoT-based monitoring concepts.

Mini Projects

- **Traffic Light Control System (Arduino Based)** Designed a prototype traffic signal controller using Arduino and LEDs to simulate real-time traffic operations.
- **Temperature Monitoring System using LM35 Sensor** Implemented a temperature sensing circuit with Arduino and LM35 sensor for continuous monitoring and digital display.
- **Servo Motor Control with Potentiometer** Developed a hardware setup to control servo motor angle through a potentiometer, demonstrating actuator control and interfacing.

Declaration

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.



Riya Rajput

AGRA,UP