



# SHIVAM SHARMA

Bareilly, Uttar Pradesh

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## EDUCATION

**Greater Noida Institute of Technology, Greater Noida, Uttar Pradesh** 2021 – Pursuing  
*B.Tech - Computer Science and Engineering(IoT)*

**J N S V MIC, Bareilly, Uttar Pradesh** 2019  
*12th*

**R M L B S V MIC , Bareilly, Uttar Pradesh** 2017  
*10th*

## PROJECTS

**Smart Irrigation System** 🔗 | [Arduino Uno, Soil Moisture Sensor Module](#) 2022

- Utilize soil moisture sensors for optimal irrigation control with precision 24/7 monitoring.
- Automate irrigation process using weather data, saving water by 20% annually.
- Monitor system remotely through mobile app, alerting users at 30% moisture level.
- Implemented a user-friendly interface for farmers to set irrigation schedules upto 10+ and view moisture levels.

**Fire Fighting Robot Based on IOT** 🔗 | [Arduino Uno, Flame Sensor, GPS 800L Module](#) 2024

- Deploy IoT sensors to detect fire, responding within 5 seconds for quick action.
- Alert nearest fire station automatically via GPS 800L module when fire is detected instantly.
- Activate emergency alarms when fire is detected 24/7 .
- Developed a prototype that successfully navigates in 3 directions autonomously to the fire source.

**News Website** 🔗 | [Html,Css,JavaScript,Json](#) 2024

- Display categorized news in sections: education, sports, entertainment, and daily updates.
- Enable JSON format for seamless data handling, ensuring API processes 100 requests daily.
- Optimize news loading speed, ensuring articles display within 1 second across all devices.
- Incorporate a search feature to allow 100+ users to quickly find news articles by keywords.

## COURSEWORK / SKILLS

- |               |                 |         |
|---------------|-----------------|---------|
| • JAVA        | • HTML          | • CSS   |
| • JAVA SCRIPT | • C PROGRAMMING | • MYSQL |

## EXTRA CURRICULAR ACTIVITIES

### *Volleyball Achievements*

- Achieved 1st place in College Level Volleyball Tournament.
- Secured 3rd position in AKTU Zonal Level Volleyball Tournament.
- Recognized as the best player in the College Level Volleyball Tournament for outstanding performance among over 36+ participants.

## Professional Skills Certification

- Earned certification in Employability Skills from TPC Global, completing a 180-hour course successfully.
- Developed key skills in communication, teamwork, and problem-solving during the certification program.
- Participated in group projects that enhanced collaborative skills and leadership qualities.