

LAV SAXENA

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EDUCATION

- ❖ Information Technology | Amity University Rajasthan CGPA: 8.56 | (2023-27)
- ❖ XII (ISC) | Modern Public School (Farrukhabad, Uttar Pradesh) (2022-23)

SKILLS

- ❖ Java(basic), C (basic) , Python(basic), HTML ,CSS
- ❖ Electronic - Arduino (Basic) , some component
- ❖ GitHub, Creative Problem solving, Team building, Event Management

EXPERIENCE

- ❖ RAIoT Labs, Amity University (RAIoT Developer) (February 2024)
In the Raiot Lab, I am working on various projects such as home automation and RFID door locking systems ,crop analysis and surveillance system .
- ❖ Cipherbyte technology (C Programming) (May 2024 - June 2024)
At Cipherbyte Technologies, I completed projects such as the Student Grade Management System and the Bank Account Management System.

ACADEMIC PROJECTS

- ❖ **Web Developer – EW Project:-** Developed and deployed the **EW Project**, an educational website aimed at transforming learning experiences. Designed a responsive, interactive, and user-friendly interface using modern web technologies. Focused on delivering seamless functionality and engaging user experiences. Project available on GitHub: [EW Project](#).
- ❖ **Smart Farming Sensor Monitoring System :-** this project leverages IoT and sensors (light, soil moisture, temperature, humidity, pollution) via Arduino R4 and Blynk Dashboard to provide real-time data for optimizing crop health, improving productivity, and promoting sustainable farming. Future enhancements include automation and scalability for various farm sizes.
- ❖ **Developed a responsive Weather App :-** that provides real-time weather updates using the WeatherAPI. The app features location-based search, displays temperature, weather conditions, and dynamic icons, and is designed with a modern, user-friendly interface. Built using HTML, CSS, and JavaScript, this project enhanced my skills in API integration and front-end development.

CERTIFICATION

- ❖ Microsoft Azure AI fundamentals : Generative AI (Microsoft)
- ❖ Certificate for the Completion of C Training (the Spoken Tutorial Project, IIT Bombay)
- ❖ Basic Java (Hacker Rank)
- ❖ Bagged a participation certificate in CodeQuezt Contest #12 hosted by Naukri Campus.
- ❖ Participated in the DSAI Hackathon at Meraz 4.0, IIT Bhilai.

ACHIEVEMENT

- ❖ Secured 1st position at Innovations Day, Amity University Jaipur, Rajasthan.
- ❖ Secured 2nd position in The Whack Hackathon 3.0 at Amity University Jaipur , organized by IEEE Student Branch ,AUR

LANGUAGE

- ❖ (Hindi, English)