LAV SAXENA

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Lav Saxena   Lav Saxena

EDUCATION

- Information Technology | Amity University Rajasthan   *CGPA**: 8.53 | (2023-27)*
- XII (ISC) | Modern Public School (Farrukhabad, Uttar Pradesh)   *(2022-23)*

SKILLS

- Java(basic), C (basic) , Python(basic), HTML ,CSS
- Electronic - Arduino (Basic),PIR,DHT11,LDR,Soil Sensor ,Buzzer,MQ135
- GitHub, Creative Problem solving, Team building, Event Management

EXPERIENCE

- RAIoT Labs, Amity University (RAIoT Developer)   (Februrary 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 andthe Bank Account Management System.

ACADEMIC PROJECTS

- **Web Developer – EW Project**   (November 2024)
  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**   (September 2024)
  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.

CERTIFICATION

- Digital analytics & regression (Cognitive class)
- Microsoft Azure AI fundamentals : Generative AI (Microsoft)
- Certificate for the Completion of C Training (the Spoken Tutorial Project, IIT Bombay)
- Basic Java (Haker 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)