

## LAV SAXENA

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[Lav Saxena](#)



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- **Professional Summary**

Results-driven IT student specializing in web development, machine learning, and IoT. Strong problem-solving and software development skills with a foundation in cloud computing and ML. Recognized as the topper of the IT branch in 1st year and awarded a merit-based scholarship for academic excellence. Top 20 Finalist at IIT Bombay Techfest. Seeking opportunities to apply technical expertise in innovative projects.

- **Education**

B.Tech in Information Technology Amity University Rajasthan | 2023 – 2027 CGPA: 8.56 |  
Topper in IT Branch (1st Year) | Merit Scholarship Recipient

- **Technical Skills**

Programming: Java, Python, C  
Machine Learning: Scikit-learn, NLP, Data Preprocessing  
Development Tools: GitHub, API Integration  
IoT & Cloud Computing: Arduino, Cloud Technologies (Basic)

- **Experience**

**RAIoT Labs, AUR** Senior RAIoT Developer | Feb 2024 – Present  
Developed IoT-based solutions, including RFID door locking and smart farming systems.  
Integrated cloud technologies for enhanced security and efficiency.

**Cognifyz Technologies** Machine Learning Intern | Feb 2025 – March 2025

Built an ML model for restaurant rating predictions using NLP and Scikit-learn.  
Conducted sentiment analysis and data visualization to improve accuracy.

- **Academic Projects**

**Educational Website (EW Project):** Designed and developed a responsive educational platform using HTML and CSS.

**Smart Farming Sensor Monitoring System:** Developed an IoT-based farming system to monitor environmental conditions using Arduino and sensor technology. Designed a Blynk-based dashboard for real-time data visualization.

**Weather Forecasting website:** Built a real-time weather application using WeatherAPI, with location-based search, dynamic updates, and a responsive web.

**Restaurant Rating Prediction System:** Created a machine learning model using Random Forest to predict restaurant ratings, incorporating sentiment analysis, data preprocessing, and trend visualization.

- **Certifications & Achievements**

Microsoft Azure AI Fundamentals  
C Training – IIT Bombay (Spoken Tutorial Project)  
Basic Java – HackerRank  
1st Place at Innovations Day, Amity University Jaipur  
2nd Place in The Whack Hackathon 3.0 (IEEE Student Branch, AUR)  
Top 20 Finalist at IIT Bombay Techfest