

# Saniya Parveen



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Location : Noida , India

## Education

### B.Tech — Electronics & Communication Engineering (Specialization in Computer Science)

Jaypee Institute of Information Technology, Sector 128, Noida  
2023 – Present (3rd Year) |  
CGPA: 8.0/10

## Professional summary

Engineering student with interests in machine learning, embedded IoT systems, and software development. Experienced with EEG-based ML projects and current work on a college chatbot with IoT integration.

## Skills

- Programming: C++, HTML, CSS, JavaScript, Python
- Machine Learning: Basics of ML, Dataset Creation, Model Training
- Tools & Other: Data Structures & Algorithms, Web Development

## Relevant Coursework

- Data Structures & Algorithms
- Machine Learning
- Web Development (HTML/CSS/JS)
- Database Management Systems (DBMS)
- Digital Electronics
- Microprocessors & Microcontrollers
- Signals & Systems
- Communication Systems

## Projects

### • Emotion Prediction Using EEG Signals (Machine Learning)

July 2025 – Nov 2025

- Worked with EEG signal data for emotion classification
- Performed preprocessing, feature extraction, and ML model evaluation
- Compared model accuracy to determine suitable approach
- Tech: Python, ML Libraries (Scikit-learn, NumPy, Pandas\*)

### • College Chatbot with Embedded IoT Modules (Ongoing)

Jan 2026 – Present

- Building a chatbot trained using a custom dataset specific to IIIT
- Integrating IoT modules including: home automation, voice-controlled robotic interface, and smart attendance
- Tech: C++, Python, HTML/CSS/JS, IoT Components

## Portfolio Website

- <https://saniyaaportfolio.netlify.app/>
- Tech: HTML, CSS, JavaScript

## ACHIEVEMENTS & ACTIVITIES

- Participated in Innovation 3.0 Hackathon at IIIT (2026)

## INTERESTS

- Artificial Intelligence, Software Development, IoT Systems, Robotics