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 JIIT
• Integrating IoT modules including: home automation, voice-controlled robotic interface, and smart attendance
• Tech: C++, Python, HTML/CSS/JS, IoT Components

Portfolio Website

- https://portfolio-node-production-d647.up.railway.app/
- Tech: HTML, CSS, JavaScript, Node.js, Express.js

ACHIEVEMENTS & ACTIVITIES

- Participated in Innovation 3.0 Hackathon at JIIT (2026)

INTERESTS

- Artificial Intelligence, Software Development, IoT Systems, Robotics