Saniya Parveen

Phone : 8860277860
Email : saniyaparveen925@gmail.com
LinkedIn : linkedin.com/in/saniya-khan-0b4685378
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