SIMRAN KAUR

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OBJECTIVE

Aspiring Software Development & AI-ML Intern passionate about solving real-world problems through technology. Skilled in Python, C++, and machine learning with hands-on experience in chatbot and sentiment analysis projects. Seeking opportunities to contribute to innovative solutions and grow technical expertise.

EDUCATION

B.Tech in Computer Science Engineering (AI-ML) - Lamrin Tech Skills University, Punjab (Expected 2027)
Senior Secondary Education - Senior Secondary Smart School, Bahadurgarh (2023)
High School - St. Paul's Convent School, Patiala (2021)

TECHNICAL SKILLS

- Languages: Python, C++
- Machine Learning: Supervised & Unsupervised Learning, NLP
- Libraries & Tools: TensorFlow, Scikit-learn, NLTK, Pandas, NumPy, SQL
- Web Development: HTML, CSS, JavaScript
- Soft Skills: Problem-Solving, Collaboration, Research & Analysis, Communication

PROJECTS

Meena Chatbot - AI Chatbot Developer

- Designed a conversational AI inspired by Google's Meena model using Python and TensorFlow.
- Applied NLP preprocessing techniques to improve response accuracy by 15%.

Sentiment Analysis Bot - Machine Learning Developer

- Built sentiment classification model using NLTK & Scikit-learn achieving 87% accuracy.
- Implemented tokenization, stop-word removal, and feature extraction for improved model performance.

LEADERSHIP & ACTIVITIES

- Member, Technical Research Club - Led research discussions & collaborated on AI-ML projects.
- Participant in Ideathon, Shark Tank, Web Weavers competitions.
- Attended multiple AI-ML workshops to enhance practical skills.