

KSHITIJ AGRAWAL

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OBJECTIVE

Seeking internship as AI Engineer to apply theoretical knowledge in real world AI projects, contribute to innovation, and collaborate with a dynamic team in an AI based company

EDUCATION

Bachelor of Information Technology, SKIT Jaipur
CGPA = 8.3 (Till Now)

Expected 2026

SKILLS

Core Skills	Python, Java, PyTorch, TensorFlow, Scikit-learn, Keras, Numpy, Pandas, Git, OpenCV
Soft Skills	Communication, Leadership, Teamwork, Problem solving, Time management, Creativity
Advance Skills	Machine Learning, Natural Language Processing, Computer Vision, Seaborn, Streamlit
Development Tools	Visual Studio Code, Anaconda, Github, Jupyter Notebook

PROJECTS

Trackem - AI based car/ bike tracking system

- Real-time vehicle detection with YOLO v8 and OpenCV, powered by machine learning.
- Seamless integration with criminal databases for enhanced surveillance.
- Automated alerts via Gmail and Telegram for timely notifications.

Hand Gesture Recognition

- Real-time hand gesture recognition utilizing OpenCV and MediaPipe libraries, incorporating machine learning techniques.
- Annotated hand landmarks for interactive experiences in virtual environments.
- Potential applications in virtual reality, gaming, and accessibility interfaces.

Speech Summarizer

- Efficiently transcribes and summarizes speech or audio files, leveraging machine learning methodologies.
- Utilizes Deepspeech and summarization models for accurate summarization.
- Enables customization and REST API integration for versatile applications.

EXPERIENCE

Treasurer

IEEE CS SBC SKIT

Jan 2024 - Present
SKIT Jaipur, Rajasthan

- Part of a team in organizing technology events and workshop
- Directed strategic planning and represented chapter at regional and national events as well as international events.
- Mentored team members, fostering collaboration and growth within the organization

EXTRA-CURRICULAR ACTIVITIES

- Ranked among the Top 10 teams in the Smart India Hackathon Prelims held at SKIT Jaipur, outshining over 100 participating teams, securing eligibility to advance to the Grand Finale.
- Clinched a spot among the top 10 teams at the IEEE CIS Hackathon hosted at MNIT Jaipur, surpassing over 150 participating teams to secure recognition and advancement.