

JEET MANJREKAR

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SKILLS AND LANGUAGES

- **Technical Skills:** Neural Networks, NLP, Recommendation Systems, Data Science, Python, JavaScript, HTML, CSS, Bash, SQL, TensorFlow, Keras, scikit-learn, NumPy, Pandas, Matplotlib, Seaborn, AWS, Google Cloud Platform, Git, MySQL, PostgreSQL, GitHub, VS Code, Google Colab, Jupyter Lab, Flask, Roboflow
- **Languages:** English, Hindi, Marathi
- **Certifications:** Certified Ethical Hacker- EC Council, Deep Learning Certificate — **Stanford University** via Coursera

WORK EXPERIENCE

Humsiha Parikshha Private Limited (Prep.Study)

June 2023 – September 2023

- Developed an AI-powered Remote Proctoring System to enhance online exam fairness and monitoring.
- Implemented machine learning models for detecting live vocal cues indicating potential cheating.
- Utilized MediaPipe and webcam feeds to analyze candidate behavior, including head movement, multiple faces, or absence from frame.
- Created a gesture-based interaction system using MediaPipe for candidates to signal proctors.
- Built real-time alert mechanisms to notify proctors of abnormal behavior or gesture communications.
- Fine-tuned detection pipelines for high reliability and minimal false alerts, integrating AI and real-time systems effectively.

HACKATHON ACHIEVEMENTS:

- Ranked in the Global Top **1%** on TryHackMe for cybersecurity challenges.
- Secured **2nd** place in "Innovations in AI" at HACKSCRIPT 6.0 for developing an advanced document forgery detection system.
- Achieved **Top 10** finish at "Hack-A-Loud" Hackathon, demonstrating strong innovative problem-solving skills.

PROJECTS:

- Multimodal Emotion Recognition: 85% accuracy using text, audio, video; **published in JECRA**, Developed real-time emotion recognition dashboards using Flask integrated with **machine learning and deep learning models**.
- Crime Detection Using **Deep Learning**: AI detects weapons, screams, gestures, Instant CCTV alerts for rapid response.

EDUCATION

B.E. Artificial Intelligence and Machine Learning

July 2021 – May 2025

A. P. Shah Institute of Technology, Thane

- Pursuing a degree with CGPA of **7.61/10** focused on AI/ML technologies.

XII Science

May 2019 – May 2021

Shubhamraje Junior College

- Achieved **82%**, building a strong foundation in science and mathematics.