



# SANGAM RAI

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## Education

<b>Kalinga Institute of Industrial Technology (KIIT)</b> B.Tech, Computer Science & Engineering CGPA: 7.27 Relevant Coursework: Data Structures, Algorithms, Machine Learning, DBMS, Cloud Computing	Bhubaneswar, Odisha 2022 – Present
<b>Adarsh Jain Dharmic Shiksha Sadan (CBSE — 88.6%)</b> Higher Secondary School	Delhi 2020 – 2021
<b>ML Khanna DAV Public School (CBSE — 88%)</b> Secondary School	Dwarka, Delhi 2018 – 2019

## Projects

<b>AI vs Fake Image Detector</b> Designed and trained an <b>EfficientNet-B0 CNN model</b> for real vs AI-generated image classification, achieving <b>97.9% accuracy</b> . Implemented a complete <b>model inference pipeline</b> including image preprocessing, batch prediction, and confidence-based scoring. Developed a <b>Streamlit web interface</b> supporting multi-image uploads and real-time inference. Optimized model loading and inference latency for smooth deployment.	<i>fakenreal.streamlit.app</i>
<b>Review Bomb Detector</b> Developed an <b>NLP-based system</b> to detect coordinated review bombing activity across user review datasets. Applied structured <b>text preprocessing and sentiment analysis</b> to identify abnormal rating and sentiment trends. Built an <b>automated detection workflow</b> to separate genuine reviews from manipulated review behavior.	

## Technical Skills

**Languages:** Python, SQL  
**ML / AI:** TensorFlow, CNNs, Natural Language Processing  
**Databases:** MySQL  
**Tools:** Git, GitHub, Linux, Docker, VS Code, PyCharm  
**Web:** Streamlit, Vercel  
**Hardware:** Arduino, Raspberry Pi, ESP32

## Activities

<b>Robin Hood Army — Volunteer</b> Conducted literacy and numeracy sessions for underprivileged children. Supported food distribution initiatives serving <b>500+ meals</b> .	Delhi NCR 2023 – Present
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## Additional

**Languages:** English, Hindi  
**Awards:** 3rd Place — ICDCIT Hackathon 2024  
**Interests:** Chess, Sports, Photography