

# Nandi Nikith

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[Portfolio](#) — [GitHub](#) — [LinkedIn](#)

## Summary

AI/ML enthusiast with strong foundations in NLP, computer vision, and LLMs. Experienced in deploying full-stack AI systems with real-time dashboards, blockchain smart contracts, and predictive ML models. Hackathon finalist with a passion for solving social impact problems using technology.

## Education

**B.Tech in CSE (AI & ML)** 2022 – 2026  
Andhra Loyola Institute of Engineering and Technology (JNTUK) – CGPA: 8.8/10

## Internships

**AI Intern – ChatGPT/Generative AI** 2024  
IIDT + APSCHE + Blackbuck Engineers  
Developed chatbot systems using GPT models; created practical GenAI solutions.

**ML Developer Intern – Efficaa Ensmart** 2025  
Built ML pipelines for smart meter anomaly detection and forecasting.

## Projects

**Monitoring Air Pollution from Space**  
Used NASA/ISRO satellite + ground data to build pollution maps using regression and clustering models.

**Digital Twin for Smart Metering**  
Built Streamlit dashboard with real-time energy predictions using time-series ML; simulated energy flow.

**Deepfake Detection System**  
Designed CNN-LSTM hybrid for fake video/audio detection; used frequency-based and facial artifacts.

**Web3 Ride-Sharing (Decentralized Uber)**  
Blockchain-based dApp using React, FastAPI, Solidity; added EV-only filters, smart payments, driver ratings.

**Disaster Tweet Classifier (BIO Tagging)**  
BERT-based model with custom BIO tagging to extract actionable keywords from live disaster tweets.

## Skills

**Languages:** Python, JavaScript, Solidity, HTML, CSS  
**Frameworks:** Flask, FastAPI, React, Streamlit  
**ML/Tools:** TensorFlow, Sklearn, Keras, OpenCV, HuggingFace, Git, MongoDB, Firebase, Web3

## Certifications

- **Generative AI – Blackbuck (Verified)**
- **ML Developer – Efficaa (Verified)**
- **Python for Data Science – NPTEL (Ongoing)**

## Achievements

- **Finalist** – Smart India Hackathon (SIH) 2024
- **Finalist** – MSME Hackathon 5.0
- **Finalist** – NRI Hackathon
- **Finalist** – Bharatiya Antariksh Hackathon 2025

## Languages

English (Fluent), Telugu (Native), Hindi (Conversational)