Sharmista Janapati

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Professional Summary

Aspiring Software Engineer with a strong foundation in Python and AI/ML tools. Built hands-on projects like a Token Normalization Tool and an AI Skill Navigator. Passionate about using tech to build impactful real-world solutions.

Education

Talla Padmavathi College of Engineering, Warangal

B. Tech in Computer Science (AI/ML) - 2024-2028

CGPA: 7.8 / 10 *(First Year)*

Technical Skills

Languages: Python

Frameworks/Tools: Flask, Git

AI/ML Libraries: NLTK, NumPy, Pandas

Web: HTML, CSS

Projects

Token Normalization Tool - Python, NLTK

- Built a Python-based text preprocessing tool to clean and normalize raw text data
- Implemented tokenization, lemmatization, and punctuation filtering using NLTK
- Improved text consistency for NLP pipelines and gained hands-on understanding of preprocessing steps used in chatbots and sentiment analysis

Voice Cloning Text-to-Speech System (In Progress)

- Currently developing a text-to-speech system that replicates user voices from uploaded audio samples
- Building backend APIs using Python and Flask to handle audio input and inference requests
- Learning about audio preprocessing, model limitations, and ethical considerations in generative AI systems

Skills

- Data structures and problem-solving using Python (arrays, strings, basic complexity analysis)

Certifications and Hackathons

- Intel AI for Youth (2022) - Built a heart failure prediction model using real-world datasets
- Scaler YIIC Program (2024) - Completed AI-focused training with hands-on projects.
- Google Girl Hackathon (2025) – participated in a national level Hackathon
- Descope Global MCP hackathon (2025) – participated in a global level Hackathon
- Nxtwave X openai buildathon (2025) – participated in a State Level Hackathon
- Google Chrome Built in AI challenge (2025) – participated in a global level Hackathon

Languages
English (Fluent) | Telugu (Native) | Hindi (Conversational)