

Kokala Sai Teja

📍 Hyderabad 📞 7013120537 ✉ kokalasaiteja@gmail.com
in [linkedin.com/in/kokala-sai-teja-245a12299](https://www.linkedin.com/in/kokala-sai-teja-245a12299) 🌐 <https://github.com/Kokalasaiteja>

Education

Siddhartha Institute of Technology and Sciences 2022 - 2026
Bachelor of Technology in Computer Science and Engineering
Specialization - Computer Science and Engineering (AIML)

Sri Chaitanya Junior College 2020 - 2022
Higher Secondary School, Percentage: 96.3%
Specialization - MPC

Pragnya High School 2020
Secondary School, CGPA : 10.0
Specialization - SSC

Technical Skills

- › Programming: C, Python, Java, JavaScript
- › Web Technologies: HTML, CSS, MongoDB, MySQL
- › AI and ML: Natural Language Processing, Machine Learning Models
- › Tools and Frameworks: Git, Pandas, Power BI, Star UML
- › Data Structures and Algorithms: Quick Sort, Merge Sort, Bubble Sort, Linear Search, Stack, Queue, Binary Search Tree, Graphs, etc.

Soft Skills

- › Communication
- › Teamwork
- › Adaptability
- › Leadership
- › Problem Solving

Projects

YouTube Summarizer (Natural Language Processing and Python)

- › Developed an AI-powered tool to transcribe and summarize YouTube videos.
- › Used **Whisper ASR** for transcription and **Gradio** for an intuitive UI.
- › It transcribes the audio from a YouTube video and generates a summarized text output.

House Price Prediction (Machine Learning)

- › Built an ML model predicting property values based on location, size, and amenities.
- › Implemented regression algorithms, feature engineering, and optimization techniques.

Certifications

- › Python, AI Certification - GUVI
- › C Programming - Pantech E-Learning
- › Data Science Using Python - Brainovision
- › Introduction to Generative AI - Xaltius
- › Great AppSec Hackathon 2024 - Cybersecurity Centre of Excellence (CCoE)
- › Front-End Development, Netflix Clone - Study Comrade

Experience

Team Leader - YouTube Summarizer Using NLP and Python

February - July 2024

- › Led a team of 4 members in developing a **YouTube Summarizer** tool using **Python** and **NLP** technologies, including **NLTK** and **Transformers**, **EasyGoogleTranslate** to generate concise video summaries.
- › Integrated YouTube API, enabling 85% accurate speech-to-text transcription and reducing manual summarization efforts by 70%, ensuring accurate video-to-text conversion.
- › Managed project timelines and delegated tasks for a 4-member team, ensuring 100% on-time project completion within 5 months, and presented the project results to faculty and peers, highlighting the tool's functionality and impact.

Achievements

- › Successfully completed the prestigious AI for India 2.0 certification by GUVI, showcasing advanced proficiency in artificial intelligence (AI).
- › Qualified for the second round of the Great AppSec Hackathon 2024 organized by the Cybersecurity Centre of Excellence (CCoE), in collaboration with the Data Security Council of India (DSCI) and the Government of Telangana.
- › Contributed to the development of a website focused on AI and Digital Marketing, organized by Skill Tyro at ACE Engineering College.

Languages

- English
- Telugu
- Hindi

Hobbies and Interests

- Reading News
- Coding challenges
- Gaming
- Singing
- Exploring new technologies

Declaration

I, Kokala Sai Teja, declare that the above information is true to the best of my knowledge and belief.