GANGAVARAM VENKATA SAI CHANDAN

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Objective

Aspiring Computer Science Engineer with strong foundations in programming, artificial intelligence, machine learning, and software development. Seeking an entry-level role to apply technical skills in building innovative and data-driven solutions.

Technologies

Languages: Python, Java
Web Development: HTML, CSS, JavaScript, React.js
Databases: MySQL, MongoDB
Tools and Platforms: GitHub, TensorFlow, Azure
Core Competencies: Data Structures and Algorithms, Cloud Computing, Computer Networks

Education

2021-2025	B.Tech in AIML (CSIT) at **Reva University, Bengaluru**	(CGPA: 8.1)
2019-2021	CBSE (12th) at **VIVA the School by vvit, Guntur**	(Percentage:83.6)
2018-2019	CBSE (10th) at **The Nandyal Public School, Nandyal**	(Percentage:83.4)

Projects

Breast Histopathological Image Classification Using Bio-Inspired Algorithms
- Technologies Used : *Python, CNN, ML*.
- Built a CNN-based classification model for breast cancer detection using bio-inspired algorithms.
- Performed image pre-processing and feature extraction to classify benign and malignant tissues with high accuracy.

Local AI Q-A Bot using Ollama and Langchain
- Technologies Used : *Python, Ollama, Langchain, Chroma*.
- Developed a local Retrieval-Augmented Generation (RAG) chatbot to answer questions from uploaded documents.
- Implemented local LLM inference with Ollama and used Chroma for efficient vector storage and retrieval.

Hand Gesture Recognition and Detection
- Technologies Used : *Python, OpenCV*.
- Designed a hand gesture recognition system for media playback control.
- Implemented gesture-based commands for play, pause, stop, fast-forward, rewind, and volume adjustment.

Certifications

Azure AI Fundamentals - Microsoft (AI 900)
Oracle Generative AI - Oracle
Machine Learning - Internshala

Languages

English | Telugu | Hindi

Hobbies

Travelling | Playing Volleyball | Vlogging