CHANDU VEMULA

AIML STUDENT

CONTACT

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SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

TECH SKILLS

- Python (Expert)
- AI(Model Designing)
- Data Structures
- Algorithms
- SQL, MySQL
- Machine Learning
- Web Development
- Technical Writing
- Problem Solving

LANGUAGES

- English (Fluent)
- Telugu(Fluent)

PROFILE

BTech student specializing in Artificial Intelligence and Machine Learning at Guru Nanak University, Hyderabad, with a growing expertise in Python programming, web development, and practical software design. Known for building robust, user-friendly applications—from calculators and quizzes to input analyzers—while continuously refining code for clarity and efficiency. Quick to debug, eager to learn, and committed to delivering clean, modular solutions. Currently developing a personal portfolio website to showcase projects and learning milestones. Open to internships, part-time roles, and volunteering opportunities that align with tech innovation or public service.

EDUCATION

B.Tech AIML (On Going) 2024-2028
Gurunanak University
Hyderabad,Telangana

SCHOOLING 2010-2022
Loyola School
Hyderabad , Telangana ,501505

PROJECTS

Digital Clock SEP12-SEP15(2024)

A digital clock displays the current time (hours, minutes, seconds) and updates every second. In Python, this is typically built using GUI libraries that allow you to create a window and dynamically update its content.
Technologies Used: Python ,Tkinter,Time Module,Label(), ,time.strftime.

3D Molecule Visualizer NOV15-NOV16(2024)

This project is a Python-based 3D Molecule Visualizer that lets users input chemical structures (like SMILES or PDB files) and view them interactively using libraries
Technologies Used:Py3Dmol,RDKit,ASE+VMD or nglview , Flask/Django, streamlit.

ACHIEVEMENTS & HACKATHONS

- Technical & Project-BasedDeveloped multiple Python-based applications, includicalculators, input parsers, and quizzes, demonstrating strong grasp of logic, modularization, and user-friendly design.
- Explored 3D molecule visualization using Py3Dmol and RDKit, integrating chemistry and programming for interactive scientific tools.
- Practiced web development fundamentals, laying the groundwork for a personal portfolio website to showcase projects and skills.