UDUGULA ARCHITHA

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👤 PROFILE

A highly motivated Information Technology undergraduate with a strong foundation in Programming and Web Technologies. Eager to contribute to impactful projects through internships. Demonstrates excellent logical thinking, problem-solving abilities, and a commitment to continuous learning, ensuring adaptability in fast-paced environments.

🎓 EDUCATION

Malla Reddy Engineering College - Hyderabad, Telangana   2022 – 2026
Bachelor of Technology in Information Technology

TS Residential College - Warangal, Telangana   2020 – 2022
Intermediate (MPC)

Rajadhani Model High School - Hyderabad, Telangana   2019 – 2020
Secondary Education

💡 PROJECTS

Student Feedback Management System (Team Project)
- Developed a web-based application that enables students to submit anonymous feedback on faculty while ensuring data privacy and integrity using modern web technologies.
- Tools Used: HTML, CSS, JavaScript

Audio to Sign Language Translation (Team Project)
- Developed a system leveraging speech-to-text and NLP techniques to convert spoken audio into sign language gestures, supporting communication for the hearing-impaired.
- Tools Used: Python, NLP, OpenCV, Machine Learning

🔗 BMI Calculator
- Developed a responsive BMI Calculator web app to compute Body Mass Index with unit conversions and clear results.
- Tools Used: HTML, CSS, JavaScript

🔗 Online Quiz
- Built a responsive web-based quiz app allowing users to take quizzes on basic web development with scoring and navigation.
- Tools Used: HTML, CSS, JavaScript

🔗 Book Recommendation System
- Built a simple, ML-powered project that recommends books similar to the ones you like, using TF-IDF vectorization, cosine similarity, and fuzzy matching for flexible input handling.
- Tools Used: Python, Pandas, Scikit-learn, Streamlit

🔗 Rock Paper Scissors game
- Developed an interactive Rock-Paper-Scissors game allowing users to play against a computer opponent, view real-time score tracking for wins, losses, and ties, and reset scores as needed, providing a seamless and engaging user experience.

- Tools Used: HTML, CSS, Java script.

✹ CERTIFICATIONS

Python Programming Workshop
🔗 Skilltimate

Python Essentials
🔗 Cisco

Java Programming
🔗 Great Learning

Software Conceptual Design
🔗 NPTEL

AI & Deep Learning
🔗 AIML Analytics

SQL Certificate
🔗 Hackerrank

Inspira Hackathon
🔗 Forge Alumnus

Generative AI
🔗 LinkedIn

GenAI Job Simulation
🔗 Tata Forage

🏆 ADDITIONAL INFORMATION

Technical Skills: C, Python, Java, DSA (through Python), SQL, HTML, CSS, Java Script.

Tools and Databases: Canva, VS Code, Git, GitHub, MySQL, PostgreSQL.

Soft Skills: Critical Thinking, Problem Solving, Adaptability, Time Management, Communication Skills.

Languages: English, Telugu, Hindi