UDUGULA ARCHITHA

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GitHub	https://github.com/architha-24
Portfolio	https://architha-portfolio.netlify.app

SUMMARY

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

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 - *View Project*

- 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 - *View Project*

- 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 - *View Project*

- 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 - *View Project*

- 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.

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

CERTIFICATIONS

- Python Programming Workshop (Skilltimate) - *View Credential*
- Python Essentials (Cisco) - *View Credential*
- Java Programming (Great Learning) - *View Credential*
- Software Conceptual Design (NPTEL) - *View Credential*
- Advanced AI and Deep Learning (AIML Analytics) - *View Credential*
- SQL (Hacker rank) - *View Credential*
- Inspira Hackathon (Forge Alumnus) - *View Credential*
- Generative AI (LinkedIn) - *View Credential*
- GenAI Powered Data Analytics Job Simulation (Tata Forage) - *View Credential*

ADDITIONAL INFORMATION

- Technical Skills: C, Python, Java, DSA (through Python), SQL, HTML, CSS, Java Script.
- Tools & Frameworks: Git, GitHub, VS Code, MySQL, PostgreSQL, Canva, Streamlit.
- Languages: English, Telugu, Hindi
- Soft Skills: Fast Learner, Enthusiastic, Critical Thinking, Problem Solving, Adaptability, Time Management, Communication Skills.