KARANAM VENKATA SAI SATHVIKA

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CAREER OBJECTIVE

Seeking a challenging role in a reputed IT organization to utilize my technical and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector.

EDUCATION

Seshadri Rao Gudlavalleru Engineering College   Gudlavalleru, AndhraPradesh
Bachelor of Technology in Information Technology   *CGPA : 9.39/10.0*
Narayana Junior College   Kandukur, AndhraPradesh
Intermediate - M.P.C   *CGPA : 9.8/10.0*
Sri Chaitanya Techno School   Kandukur, AndhraPradesh
State Board - S.S.C   *CGPA: 10.0/10.0*

TECHNICAL SKILLS

- **Programming Languages**: Python

- **Web Techologies**: HTML, CSS, Java Script

- **Databases**: MySQL

- **Frameworks**: Flask

- **Tools**: Jupyter Notebook, Google Collab, Visual Studio Code, Python IDLE, MySQL Workbench

PROJECTS

Console Based University Management System   *July 19, 2024*
- **Technologies Used:** Python - OOP Principles, Regular Expressions, smtplib, File Handling, Exception Handling
- Developed a Python-based system for managing colleges, students, and teachers, featuring secure user authentication, OTP based email verification, and strong password validation.
- The system facilitates college registration and real-time record management, utilizing robust file handling and exception handling mechanisms. Data is efficiently stored in text files significantly improving administrative efficiency while ensuring data integrity and error management.

Instagram Clone Database   *May 09, 2024*
- **Technologies Used:** MySQL - Constraints, Joins, Nested Queries
- Implemented a scalable structure for user profiles, photo management, and social interactions.
- Analyzed user registration trends, inactive users, hashtag performance, and user engagement insights.
- Effectively utilized MySQL and SQL to design, develop, and maintain a robust database structure.

CERTIFICATIONS AND ACHIEVEMENTS

- Secured 1st position in College Coding Competition.

- Attained Ebox Certification in Python-based Problem Solving, showcasing proficiency in advanced coding skills.

- Obtained HackerRank SQL Certification, Highlighting strong skills in SQL queries and data management.

- Earned a Wipro Talentnext Certificate for successfully completing the Python FullStack course, demonstrating proficiency in comprehensive Python development.

STRENGTHS

- Adaptive

- Communication and Collaboration

HOBBIES

- Drawing

- Listening Music