SAHANA N

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OBJECTIVE

A committed and a consistent learner aiming to build a successful career. Motivated software engineer with a strong academic foundation in programming languages (Python) and emerging technologies. Eager to contribute in real-time applications , explore innovative IT solutions, and grow as a professional in a dynamic tech environment.

EDUCATION

Bachelor Of Engineering, Computer Engineering
New Horizon College Of Engineering(VTU affiliated
CGPA (till 6th sem) : 8.74

Grade XII, NCERT
VBR Pre-University College
Percentage : 94.67%

Grade X, NCERT
C Puttaiah Memorial High Schoo
Percentage : 89.76%

TECHNICAL SKILLS

Programming language: Python , C
Database: MySQL
Basics of HTML,CSS

Other Skills:
- Strong organizational and time-management skills
- Problem-solving and analytical abilities
- Artistic creativity and adaptability

INTERNSHIP

September 2023-October 2023 - Web development Internship at Motion Cut

PROJECTS

Podcast Content Aggregator

- Problem: Difficulty tracking podcast updates in real time.
- Solution: A web app that automates RSS feed updates and provides an intuitive interface for easy access.
- Tech Stack: Python , HTML, CSS

Encryption and decryption of image

- Problem: Vulnerability of images shared online.
- Solution: Applied AES encryption/decryption for secure image sharing.
- Tech Stack: Python, PyCryptodome,Pillow.

IoT Based Health Monitoring System

- Problem: Lack of real-time health monitoring in remote areas.
- Solution: Designed an IoT system to monitor pulse and temperature, using ThingSpeak for real-time data and remote monitoring.
- Tech Stack: Arduino/ESP32, Sensors, ThingSpeak, Embedded C.

DECLARATION: I hereby declare that all the facts given above are true and correct to the best of my knowledge.