



PROFILE

Driven and enthusiastic second-year B.Tech Computer Science (Core) student at SRM University, holding an impressive CGPA of 9.89. Skilled in C, C++, Java, Python, MySQL, HTML, CSS and Unity. Deeply passionate about software development, innovative problem-solving, and building technology-driven solutions that make a meaningful difference.

TECH SKILLS

- PYTHON
- C
- C++
- JAVA
- HTML/CSS
- DATABASE SYSTEMS
- UNITY
- CYBERSECURITY
- BLENDER
- DIGITAL TWIN TECHNOLOGY
- DSA

SOFT SKILLS

- LEADERSHIP
- PROBLEM SOLVING
- COMMUNICATION
- TEAMWORK
- ADAPTABILITY

EDUCATION

CLASS-10
PERCENTAGE-95%
CLASS -12
PERCENTAGE 87.6%

ST.THOMAS SCHOOL
,INDIRAPURAM ,GHAZIABAD ,UTTAR
PRADESH
2021-2023

BACHELOR OF TECHNOLOGY
CGPA-9.89

S.R.M INSTITUTE OF SCIENCE AND
TECHNOLOGY,
KATTANKULATHUR,CHENNAI

2023-PRESENT

PROJECTS

BANK MANAGEMENT SYSTEM

- The project is made using python and MYSQL database . It performs functions such as creating a bank account, adding depository amount, withdrawl etc

FARMHAND

- Developed a FarmHand application using Python(Streamlit) and MySQL to manage crops, farmers, market inventory, and user interactions with admin-level control and real-time updates.

POSTURE GUARD

- Developed an innovative real-time physiotherapy monitoring system using Arduino (ESP8266, MPU9255), cloud connectivity (ThinkV), and Unity 3D. Enabled accurate home-based rehab through live motion tracking, 3D avatar visualization, and remote therapist feedback, improving patient engagement, exercise precision, and recovery outcomes.

EMOTIONINSIGHT PRO

- EmotionInsight Pro is an advanced real-time emotion recognition system built using Python, OpenCV, TensorFlow, and Deep Learning. It detects 7 human emotions from facial expressions using a webcam and provides live emotion graphs, session emotion summaries, and voice feedback. It is designed for applications in mental wellness tracking.

SMART WATER IRRIGATION SYSTEM

- Smart Water Irrigation System is a smart IoT-based irrigation automation solution built using ESP8266, a soil moisture sensor,a relay-controlled water pump and integrated with Blynkk app. It monitors soil moisture levels in real time and activates the pump automatically when moisture drops.

CERTIFICATIONS

- C PROGRAMMING LANGUAGE- UDEMY
- C++ PROGRAMMING LANGUAGE - UDEMY
- PROGRAMMING IN JAVA - NPTEL SWAYAM
- UNITY ESSENTIAL PATHWAYS - UNITY TECHNOLOGIES
- DATA STRUCTURES AND ALGORITHMS IN C++ - UDEMY
- CYBERSECURITY FOR BEGINNERS - TATA STRIVE
- DATABASE SYSTEMS - NPTEL SWAYAM
- DIGITAL TWIN TECHNOLOGY

LANGUAGES KNOWN

ENGLISH, HINDI, TELUGU, FRENCH