



NANTHANA S V

Contact

- 8489441010
- nanthanasaravanan04@gmail.com
- 19/39 titan township, mathigiri, Hosur

About Me

Aspiring tech enthusiast pursuing B.Tech in Computer and Communication Engineering with hands-on experience in Python, C, SQL, DBMS, Embedded Systems, and Data Structures. Passionate about building smart solutions through Web Development and IoT, with a strong foundation in both software and hardware domains. Eager to contribute, learn, and grow in dynamic tech environments.

Skills

- PYTHON
- C,C++
- ARDUINO
- ARM-ASSEMBLY
- HTML,CSS
- DBMS
- DATA STRUCTURES
- OPERATING SYSTEMS

Education

- THE TITAN SCHOOL**
Titan township,mathigiri,Hosur,Krishnagiri,Tamilnadu
Grade 10 - 89.4 %
2021
- MAHARISHI VIDYA MANDIR SENIOR SECONDARY SCHOOL**
Swami brahmananda saraswathi nagar, sipcot, Hosur, Krishnagiri , Tamilnadu
Grade 12 - 79.2 %
2023
- AMRITA VISHWA VIDYAPEETHAM**
Amritanagar, Ettimadai, Coimbatore, Tamilnadu
B.Tech in Computer and Communication Engineering
CGPA- 8.05
2023 -

PROJECTS

- CAMPAIGN MANAGEMENT SYSTEM**
Developed a user-admin Campaign Management System using Python, Tkinter, and JSON to streamline campaign tracking and donations. Designed an intuitive GUI with dynamic data handling through lists and dictionaries, ensuring efficient user interaction and persistent storage.
- BOUTIQUE MANAGEMENT SYSTEM**
Built a dynamic web platform for boutique management with user login functionality using HTML, CSS, and PHP. Integrated MySQL for backend operations and hosted the system on XAMPP. As a DBMS-focused project, it featured well-structured database tables for efficient product, user, and order management.
- MACHINE FAULT ANALYSIS - NASA BEARING DATASET**
Developed a machine fault detection system using the NASA Bearing Dataset, applying machine learning models like SVM, Random Forest, and K-Means to classify bearing health conditions. Performed advanced feature extraction from time and frequency domains, and achieved high fault prediction accuracy through optimized model training and evaluation.

CERTIFICATES

- Machine Learning with python BY IBM**
COURSERA
2025
- The complete full stack web development**
UDEMY
(In progress)