



Manish M

Student

- Hosur, TamilNadu
- 8825587419
- manishm210103@gmail.com
- LinkedIn
- GitHub
- Instagram
- Website

Education

Present

PSG College of technology

8.70

ACADEMIC QUALIFICATION

Currently pursuing 2nd year of 5 year Integrated M.Sc. Theoretical Computer Science at the Department of Applied Mathematics and Computational Sciences at PSG College of Technology.

SKILL SET

Languages :

C, C++, Python, JavaScript, R, SQL, Java, Bash Scripting

AREAS OF INTEREST

- Full Stack
- Web Development
- App Development

ACADEMIC RECORD

- **M.Sc. Theoretical Computer Science**
PSG College of Technology, Coimbatore 2021-2026
8.70 CGPA
- **XII (Higher Secondary, State board)**
Sri Vijay Vidyalaya Matric. Hr. Sec School, Hosur 2021
94.20%
- **X (SSLC, CBSE)**
Sishya School, Hosur 2019
88.00%

Projects

NON-ACADEMIC PROJECTS

- **Phone Directory :**

The name and phone number are obtained from the phone directory and are then stored in the file using a linked list in this C-based programme. You can add, delete, or search any new Contact. The information is saved or listed in the order that it occurred.

- **Online Shopping Management :**

This C project concerns an online shopping platform where customers can add items and purchase them and employees may add, delete, and edit things in accordance with their roles. Each customer's log history is kept in a file that the employee may access to see it.

- **Phoenix :**

This twitter clone project "Phoenix" is a dynamic web application resembling Twitter, where users from the university can connect, share thoughts, and engage through captivating "tweets." Built using PHP, the application securely stores user data in a phpMyAdmin database, fostering a vibrant online community within the university's digital realm.

ACADEMIC PROJECTS

- **Web Quiz Application :**

This is a quiz-filled, Python-based online application for students that leverages the Django framework. If an account already exists, the students must sign in; otherwise, they must establish one in order to access the website. The admin user has access to see and remove the student account.

- **Solving RLC Circuit using C++ :**

The RLC circuits discussed in this C++ project are used to build components, solve circuits, and generate outputs like phase factor, impedance, and circuit type. Also, it projects the created circuit's fundamental schematic.

- **Movie recommendation system :**

This online application, which is built on R, is used to suggest movies. This makes use of the shiny package, which shows all the movies in one tab and makes movie

recommendations depending on the genre that we select in a different tab. It is helpful for those who are unsure about what genre to select.

- **Pocket Dictionary :**

This python-based programme employs a red-black tree data structure and functions similarly to a dictionary, allowing users to add new words and edit existing ones to reflect their meanings. This helps them expand their vocabulary. We may add new words to the dictionary when we come across them.

- **Virtual Memory Manager :**

This Python program implements an advanced logical-to-physical address translation system. By utilizing TLB and page table mechanisms, it efficiently converts logical addresses to their physical counterparts. Its purpose is to explore virtual memory and the translation process, using a file of logical addresses as input. With a sleek design and intelligent implementation, it enhances our understanding of address translation and virtual memory in just five lines of code.

- **Fire and Smoke Detector :**

The project "Fire Alarm Detection" shows how to use an Arduino to create a fire detection system utilizing sensors that monitor the temperature of the area in which they are located as well as the concentration of gasses that might start a fire (such as methane or alcohol) or are created by a fire (carbon monoxide, carbon dioxide etc.).

Extra Curricular Activities

- Placement Representative of the 2021-2026 M.Sc TCS batch at PSG College of Technology, Coimbatore.
- Active member of Coding Club and Artificial Intelligence and Robotics Club.
- Secured the 1st place in Graphiculture at the event "Infinity" conducted by the Department of Computational Sciences Association.

Conducted a Coding event called Game Of Codes representing Coding Club and being part of the question preparation team .

Declaration

I, Manish M, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore

Date : 18/02/2023

(Manish M)