



Your Full Name :RAMAVATH SAI CHARAN
Enrollment No.: BT22CSE107
B.Tech – Computer science and engineering
Visvesvaraya National Institute of Technology,Nagpur

+91-9885440405
saicharanramavath107@gmail.com
DOB: 03-08-2004
[GitHub](#)
[LinkedIn Profile](#)

EDUCATION

Degree/Course	Institute /Board	CGPA/Percentage	Year
B.Tech.CSE	Visvesvaraya National Institute of Technology, Nagpur	7.03(current)	2022-26
CLASS XII (HSC)	Srigayatri junior college	97.2%	2021
CLASS X (SSC)	Kakatiya high school	9.8	2019

PROJECTS

• STEPS COUNTING:

mar. 2024 – mar. 2024

A Step tracking application that lets user to track steps, set weekly goals, create groups to achieve group goals, earn rewards, maintains leader boards to engage in friendly competition

[GitHub](#)

- Tools & technologies used: Linked List and AVL trees data structure in C with file handling techniques.
- Implemented a step tracking application in C using Linked Lis and AVL trees data structure whose key functionalities include adding a user, creating a group, generating user and group leaderboard, give rewards to users, deleting person and providing suggestions for user to appear in leaderboard.

• Heap Management:

feb. 2024 – feb. 2024

Implemented free and allocate functions in C

[GitHub](#)

- Tools & technologies used: Linked lists, First-Fit algorithm, C, explicit free list
- Implemented heap management scheme utilizing ‘free’ and ‘allocate’ functions, employing the first-fit algorithm. This involved maintaining an explicit free list and ensuring adjacent free blocks are merged together to reduce internal fragmentation.

• Page layout:

A page layout which is responsive on both desktopa and mobile devices

sept.2024 -sept.2024

–Tools & technologies used:HTML,CSS,Javascript.

[GitHub](#)

–Also created many web programming layouts and projects.

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, HTML,CSS

Developer Tools: Git, GitHub, VS Code ,

Coursework: Data structures and algorithms, Object oriented programming, Operating Systems

Areas of Interest: Programming, Full Stack web Development, Machine Learning

POSITIONS OF RESPONSIBILITY

- . **Technical secretary**, computer science and engineering department (3rd year)
- . **Member** , shadow play
- . **STUDENT COUNCIL SUB-COMMITTEE** , Hostel affairs

EXTRA CO-CURRICULAR

- Sports / esports
- Social Activities
- Photo and video editing