D SAICHARAN

charand306@gmail.com | +917396483577 | GitHub

Education

National Institute of Technology Calicut	**2020 – 2024**

- Electronics and communication engineering | CGPA: **8.28**

Fiitjee junior college , Hyderabad	**2018 – 2020**

- Class XII | Aggregate*:* **95.2** %

Annus Academy High School	**2017 - 2018**

- Class X | CGPA : **9.7**

Skills

C++ | Data Structures and Algorithms| SQL | HTML| CSS | JavaScript | NodeJS | Express* | Github*

Projects

Social media website	**Jun'23**

- Developed a dynamic social media website using **MVC architecture** leveraging **HTML5, CSS3,** and **JavaScript** for the frontend and **Node.js, Express, and MongoDB** for the backend.
- Integrated features for making friends with other users enabling post creation, commenting, liking functionalities and showing notifications.
- Implemented a feature to find relationship between two users using Graph algorithm (BFS) .
- Github Repository   link   Youtube link

Fitness website	**Dec'22**

- Developed a static fitness website that is Beginner friendly where people can start their fitness journey from scratch.
- Technologies Used: **HTML5, CSS3, Javascript.**
- Live   link   Code Sandbox Repository link

Efficient Group Debt Settlement	**May'22**

- Developed a **C++ algorithm** that calculates the most efficient way to settle debts in a group, reducing the total number of transactions needed for simplicity using graph data structure and greedy algorithm and optimized the code using priority queues which runs in nlogn Time Complexity.

Work Experience

Hostel Management system/NIT CALICUT	Frontend developer **Apr'23- May'23**

- Worked for NIT Calicut hostel website development as a frontend developer,created responsive web pages as a team member

Achievements

- **Code Kaze (2023)**
  All India Rank 434 in code kaze 2023 coding contest among 1,40,000 applicants link **Jun'23**
- **Introduction to database systems - NPTEL**   **Apr'23**
  Completed Introduction to database systems NPTEL course certification and emerged as one of NPTEL toppers link
- Solved 500+ problems on various platforms like leetcode and geeksforgeeks

Positions of Responsibility

Member of public Relations committee , Ragam	**May'22**