


SHEKHAR MEHTA

Mumbai, Maharashtra

☎ +91 9082527308 ✉ shekharmehta000010@gmail.com  [linkedin.com/in/shake-her](https://www.linkedin.com/in/shake-her)

Education

Rizvi College of Engineering

2019-2023

Bachelor of Engineering in Electronics and telecommunications engineering (CGPA-8)

Maharashtra, India

Projects

ChatWithMe | *JavaScript, React Js, MongoDB, Socket.io* | -Video- | GitHub

4

It is made up of two applications - the client application, which runs on the user's web browser and server application, runs on any hosting servers on the network. To start the chatting, client should get connected to server where they can do private and group chat.

User can Search certain user to start a conversation, Clean UI(Chakra Library), Real time chat option using Socket.io, encrypted password, One to One and Group Chat options, etc.

Live notification and typing animation while having a conversation.

User Identification gets encrypted while registration, To identify the User on login Hashing algorithm match's the input with the database and provides the necessary data to the user. Socket.io is used to connect the no. of user's on real time environment. All of the data are stored in our local database, Request, response and Data integrity is maintained by the API, Middleware and Controllers

Zipper | *C++(A Lossless Data compression Application)* | -Video- | GitHub

4

This project is to design compression and decompression programs based on Huffman Coding. This programs can compress and decompress text file consisting of 128 ASCII characters. Final output prints the size Comparisons of Before and after conversion

Compression:- Using map we store the frequencies of the character, Huffman Tree Nodes are custom Data Structure and based on the concept of minHeap priority queue we construct the Huffman Tree

Decompression:- The algorithm serializes the encoded text as a binary/decimal sequence and the corresponding Huffman binary tree in order to be able to decode back the text in the future.

Lead/Cool-Tabber | *HTML/CSS, NodeJS, Javascript* | -Video- | GitHub

4

Lead/Cool-Tabber helps you with manage all the tabs at one place

To access the Tab data in Chrome, chrome local storage is used and to interact with the page JavaScript DOM property was very effective for the project.

Score Keeper-Game | *HTML, CSS, Javascript* | -Video- | GitHub

4

Score Keeper is a cool and interactive two player Video Game

To change the Score Value dynamically on the chrome page Javascript DOM property has been used.

Achievements

- Campus Rank 1 on GeekForGeeks - (Profile Link)
- 6 Star on Hackerrank for Problem Solving - (Profile Link)
- Full Stack Web Development Certification - (Coding Ninjas Profile Link)
- Solved Over 500+ DSA problems

Profile Links

- [GeeksForGeeks](#)
- [LeetCode](#)

Technical Skills

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

Subjects: Operating System, OOPS, DBMS, Computer Networks

Technologies/Frameworks/Libraries: Bootstrap, ReactJS