

1. Introduction

In today's digital age, real-time communication is vital. **Talksy Chat App** enables instant messaging with a sleek UI, secure backend, and real-time socket connectivity. It supports multi-user interaction, live updates, and secure user authentication for a seamless chat experience.

2. Tech Stacks Used

Frontend:

- React.js – Component-based UI
- Tailwind CSS – Utility-first CSS framework for responsive design
- DaisyUI – Tailwind CSS plugin for prebuilt UI components







Backend:

- Node.js & Express.js – Server-side logic
- Socket.IO – Real-time bidirectional event-based communication
- MongoDB – NoSQL database for storing users and messages
- Mongoose – ODM for MongoDB

Other Tools:

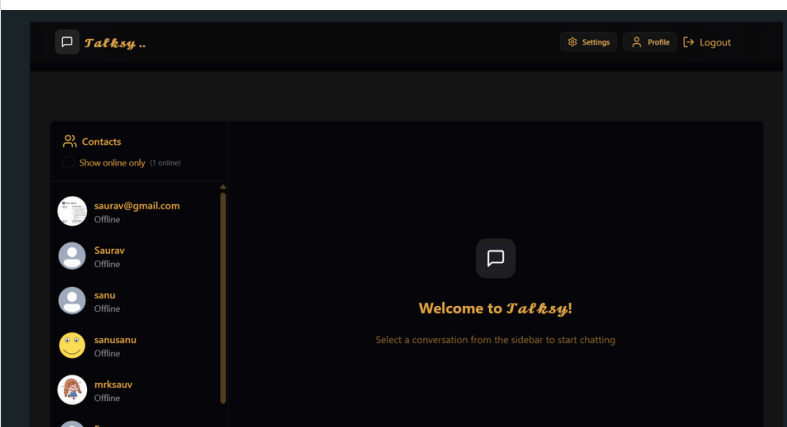
- JWT (JSON Web Token) – For secure user authentication
- Axios – HTTP requests from frontend to backend
- Cloudinary – For storing and managing profile pictures

3. Functionality

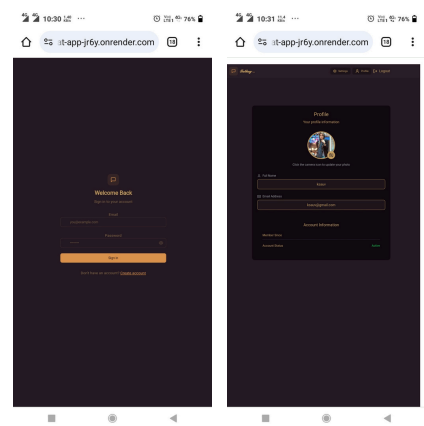
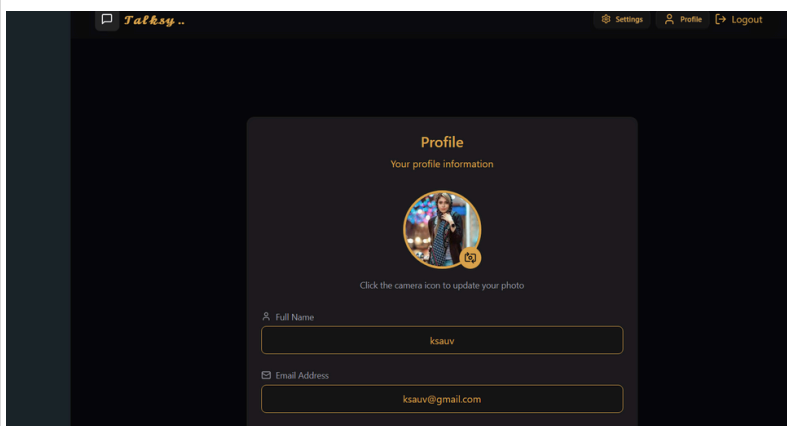
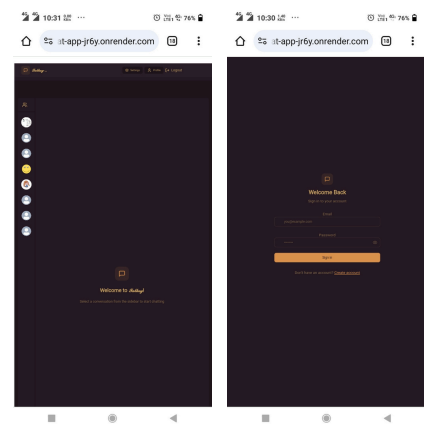
-  User Authentication
 - Signup/Login with email & password
 - JWT-based secure login sessions
-  User Management
 - View all registered users
 - Show online/offline status
-  Real-Time Messaging
 - Send and receive messages instantly using Socket.IO
 - Group and personal messaging support
-  Theme Support
 - multiple DaisyUI theme toggle
 - Custom theme color picker
-  Profile Management
 - Upload profile picture
 - Edit username and details
-  Responsive Design
 - Fully responsive UI for mobile, tablet, and desktop

4. Screenshots

 Desktop View



 Mobile View





5. Live Preview

Live Chat App

(Link → <https://talksy-chat-app-jr6y.onrender.com>)

GitHub Repo:

 [GitHub – Chat App Frontend](#)

 [GitHub – Chat App Backend](#)

6. Summary

This Chat App is a full-stack real-time messaging application with modern UI/UX features and secure backend. It helped me gain experience in:

- Full-stack development
- REST APIs and WebSockets
- Authentication and authorization
- Responsive and theme-based design

It's an ideal project to showcase skills in MERN stack and real-time communication.