

Lakshya Singh

Details

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Skills

HTML

CSS,

JavaScript

Node.js,

Express.js

React

Bootstrap and Tailwind

MongoDB

MySQL

EDUCATION

Btch, Indian Institute of Information technology, Manipur

2023-2027

PROJECTS

StayEase – MERN Stack Vacation Rental Platform

Developed **StayEase**, a full-stack vacation rental web application inspired by Airbnb, built using the MERN (MongoDB, Express.js, React, Node.js) stack. It replicates key functionalities of a rental platform, allowing users to explore stays, book accommodations, and list their own properties.

Key Features:

- User Authentication: Secure login and registration using JWT and bcrypt.
- Listing Management: Hosts can create, update, and delete property listings.
- Search & Filters: Location-based search with flexible filters for dates, prices, etc.
- Responsive UI: Built with React and styled for desktop and mobile devices.
- Image Uploads: Image hosting integrated via Cloudinary / Firebase / local storage.
- Booking System: Real-time availability and seamless booking process.
- Backend API: RESTful APIs with Express.js and MongoDB for smooth data handling.

MeetSphere – MERN Stack Video Conferencing App

Built **MeetSphere**, a full-stack Zoom clone using the MERN (MongoDB, Express.js, React, Node.js) stack with real-time video and audio communication features.

Designed to provide seamless virtual meetings, screen sharing, and chat functionalities in a clean, user-friendly interface.

Key Features:

- Real-Time Video & Audio: Enabled using WebRTC and Socket.IO for peer-to-peer communication.
- Meeting Rooms: Users can create, join, and manage unique meeting rooms via generated links.
- Chat Functionality: Live chat support within meeting rooms for text-based communication.
- User Authentication: Secure login/signup using JWT and bcrypt.
- Screen Sharing: Host or participants can share their screen during meetings.

Simon Game Clone – HTML, CSS, JavaScript

Recreated the classic **Simon Says** memory game using vanilla HTML, CSS, and JavaScript.

Features include dynamic color sequences, user interaction tracking, and increasing difficulty levels.