

TrustHomePlaza - Real Estate Marketplace

A comprehensive real estate platform that revolutionizes how you buy, sell, and rent properties. Built with React, Node.js, Express, and MongoDB, featuring secure authentication, advanced search filters, and an intuitive user interface.

leading real estate agency that specializes in helping clients buy, sell, and rent properties in the most desirable neighborhoods. Our team of experienced agents is dedicated to providing exceptional service and making the buying and selling process as smooth as possible.

Our mission is to help our clients achieve their real estate goals by providing expert advice, personalized service, and a deep understanding of the local market. Whether you are looking to buy, sell, or rent a property, we are here to help you every step of the way.

Our team of agents has a wealth of experience and knowledge in the real estate industry, and we are committed to providing the highest level of service to our clients. We believe that buying or selling a property should be an exciting and rewarding experience, and we are dedicated to making that a reality for each and every one of our clients.

✳ Features

Authentication & Security

- Google OAuth Integration - Seamless sign-in with Google accounts
- Email/Password Authentication - Traditional login system
- Secure User Profiles - Personal account management
- Protected Routes - Secure access to user-specific features

Property Management

- Create Listings - Add properties with detailed information
- Image Upload System - Support for multiple high-quality images
- Property Types - Support for both sale and rental properties
- Offer Management - Special pricing and discount features
- Property Features - Bedrooms, bathrooms, parking, furnished status

Advanced Search & Filtering

- Smart Search - Find properties by location, type, and features
- Filter Options - Sort by price, type (rent/sale), amenities
- Real-time Results - Instant property listing updates
- Location-based Search - Search by specific areas and neighborhoods

User Experience

- Responsive Design - Perfect experience across all devices
- Interactive Image Galleries - Swiper-based property showcases
- Auto-sliding Gallery** - Beautiful home page with property highlights
- User Dashboard - Manage personal listings and profile

Direct Communication - Contact property owners directly

Modern UI/UX

Clean Interface - Modern, intuitive design

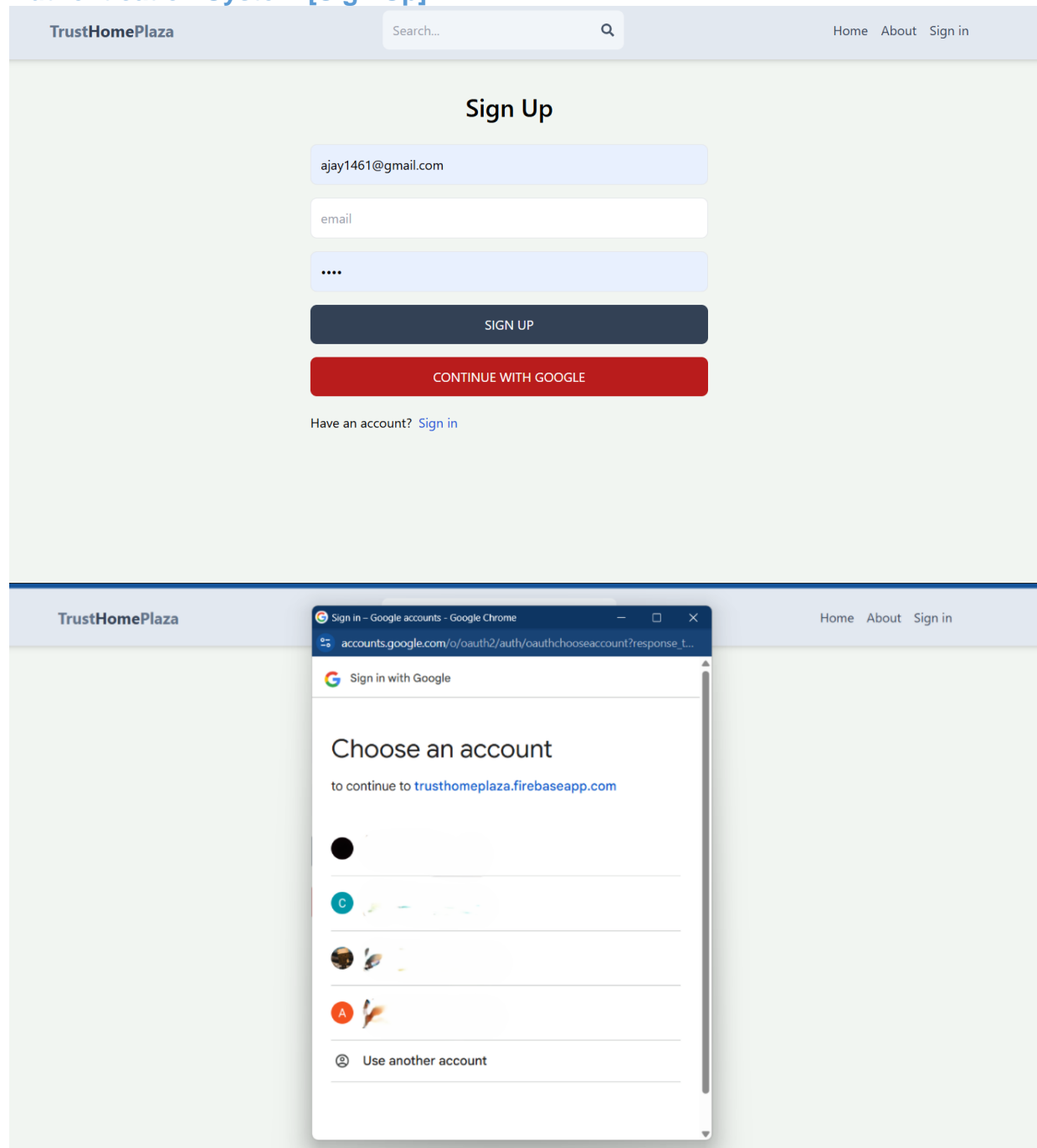
Smooth Animations - Enhanced user interactions

Professional Layout - Real estate industry-focused design

Mobile-First - Optimized for mobile devices

Screenshots

Authentication System [Sign Up]



The image shows two screenshots of the TrustHomePlaza authentication system. The top screenshot displays the 'Sign Up' page with a light green background. It features a header with the 'TrustHomePlaza' logo, a search bar, and navigation links for 'Home', 'About', and 'Sign in'. The main content area has a 'Sign Up' title and a form with three input fields: a blue field containing 'ajay1461@gmail.com', a white field with the placeholder 'email', and a blue field with four dots for a password. Below the form are two buttons: a dark blue 'SIGN UP' button and a red 'CONTINUE WITH GOOGLE' button. At the bottom, there is a link that says 'Have an account? [Sign in](#)'. The bottom screenshot shows the same 'Sign Up' page with a Google OAuth overlay. The overlay is a white box with a blue header 'Sign in with Google' and a title 'Choose an account'. It lists several Google accounts with their profile pictures and names, and a link to 'Continue to trusthomeplaza.firebaseio.com'. At the bottom of the overlay is a link to 'Use another account'.

Secure user registration with email and Google OAuth

[Sign In]

TrustHomePlaza

Search...

Home About Sign in

Sign In

ajay1461@gmail.com

....

SIGN IN

CONTINUE WITH GOOGLE

Dont have an account? [Sign up](#)

Multiple authentication options for user convenience

Property Search & Listings [Search Results]

TrustHomePlaza

sell

Home About

Search Term: Search...


Type: ☐ Rent & Sale ☒ Rent ☐ Sale ☐ Offer

Amenities: ☐ Parking ☐ Furnished

Sort: Price high to low

SEARCH

Listing results:




Ajay Raj

bihar home

\$50 / month

1 bed 1 bath




Mansi srivastava

bihar plaza

\$5,000 / month

5 beds 5 baths




Ajay Raj

bihar home

\$50 / month

1 bed 1 bath




navneet kumar

bihar my home

\$80 / month

3 beds 3 baths



Mansi srivastava

bihar house for rent

Rainy days ahead

ENG

12:06

TrustHomePlaza
Search...
Home About

Search Term: Search...
Type: ☒ Rent & Sale ☐ Rent ☐ Sale ☐ Offer
Amenities: ☐ Parking ☐ Furnished
Sort: Price high to low
SEARCH

Listing results:

Mansi srivastava
bihar
house for rent
\$421 / month
3 beds 2 baths

navneet kumar
bihar
my home
\$80 / month
3 beds 3 baths

Mansi srivastava
bihar
plaza
\$500
4 beds 3 baths

Ajay Raj
bihar
home
\$50 / month
1 bed 1 bath

Ajay Raj
bihar

Mansi srivastava
bihar

Ajay Raj
bihar

Advanced filtering and search capabilities

[Property Grid]

TrustHomePlaza
Search...
Home About

Search Term: Search...
Type: ☒ Rent & Sale ☐ Rent ☐ Sale ☐ Offer
Amenities: ☐ Parking ☐ Furnished
Sort: Price high to low
SEARCH

Listing results:

Mansi srivastava
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Ajay Raj
bihar
home
\$50 / month
1 bed 1 bath

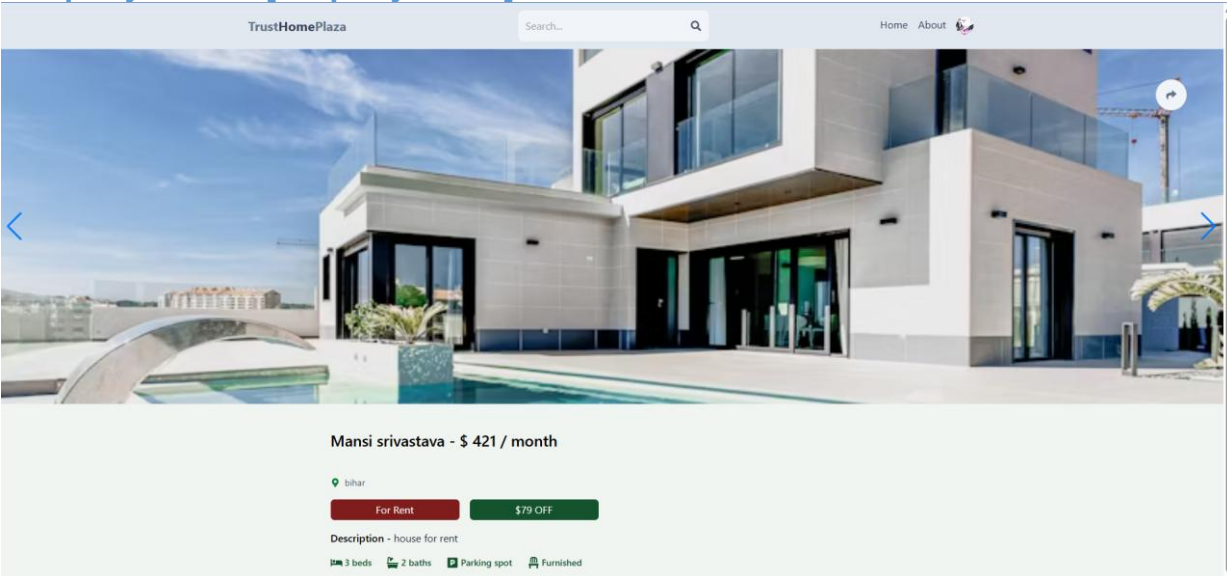
Ajay Raj
bihar

Mansi srivastava
bihar

Ajay Raj
bihar

Clean property listing grid with detailed information

Property Details [Property Detail]



TrustHomePlaza

Search...

Home About

Mansi srivastava - \$ 421 / month

bihar

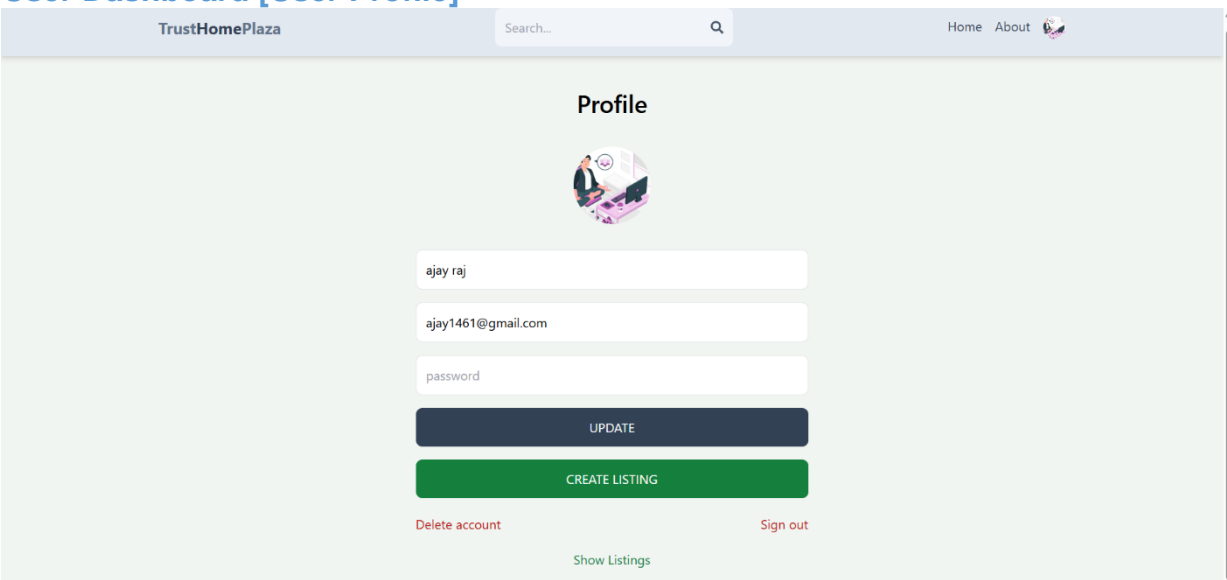
For Rent \$79 OFF

Description - house for rent

3 beds 2 baths Parking spot Furnished

Comprehensive property information with image gallery

User Dashboard [User Profile]



TrustHomePlaza

Search...

Home About

Profile

ajay raj

ajay1461@gmail.com

password

UPDATE

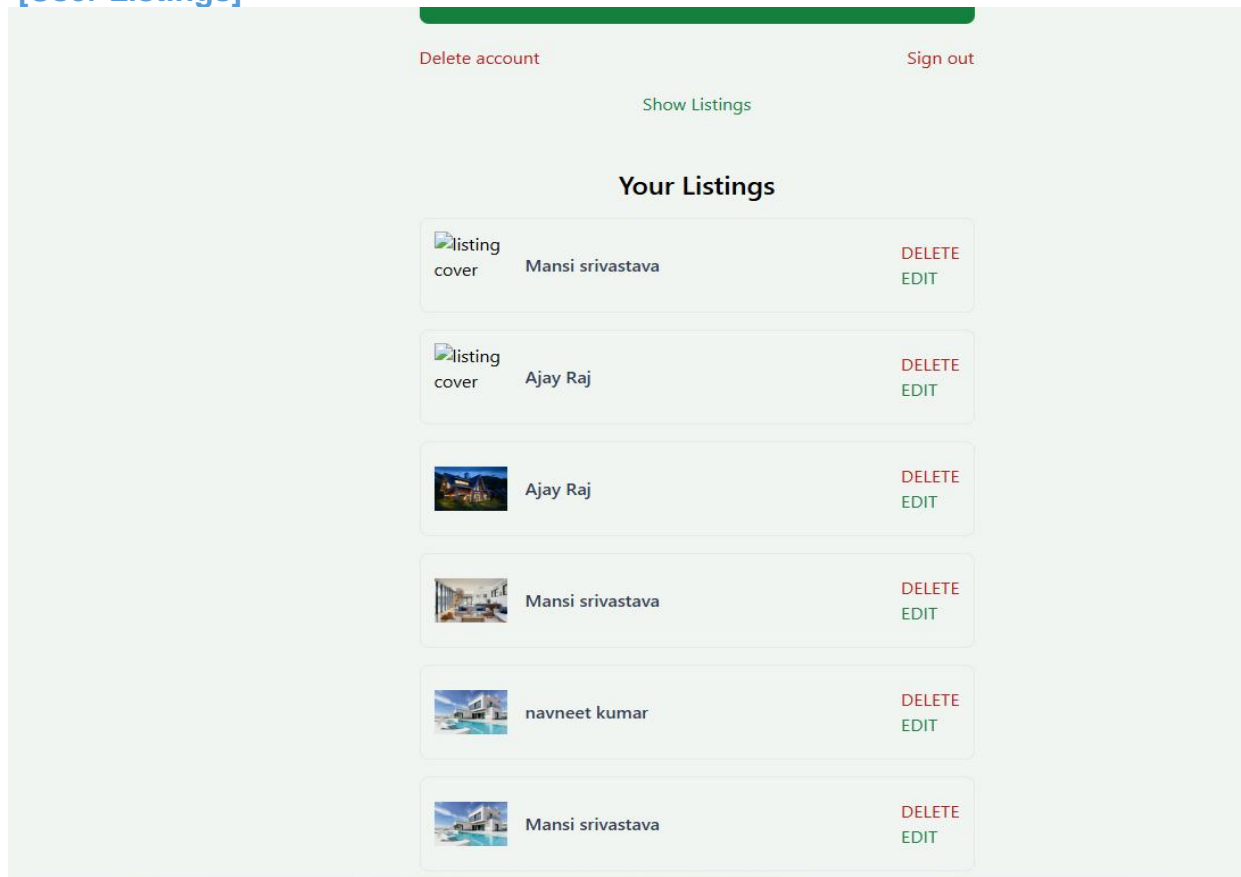
CREATE LISTING

Delete account Sign out

Show Listings

User profile management and settings

[User Listings]



Personal property listing management

Property Creation [Create Listing]

The screenshot shows a 'Create a Listing' form. The form includes fields for the user's name, property title, address, and various options for listing type (Sell, Rent, Parking spot, Furnished, Offer). It also has input fields for the number of beds and baths, and price fields for regular and discounted prices. On the right side, there is an 'Images' section with a file upload button and a list of three uploaded images, each with a 'DELETE' button. A 'CREATE LISTING' button is located at the bottom right.

TrustHomePlaza Search... Home About

Create a Listing

Mansi srivastava

house for rent

Address

☐ Sell ☒ Rent ☒ Parking spot ☒ Furnished

☒ Offer

3 Beds 2 Baths

500 Regular price (\$ / month)

421 Discounted price (\$ / month)

Images: The first image will be the cover (max 6)

Choose files No file chosen

images

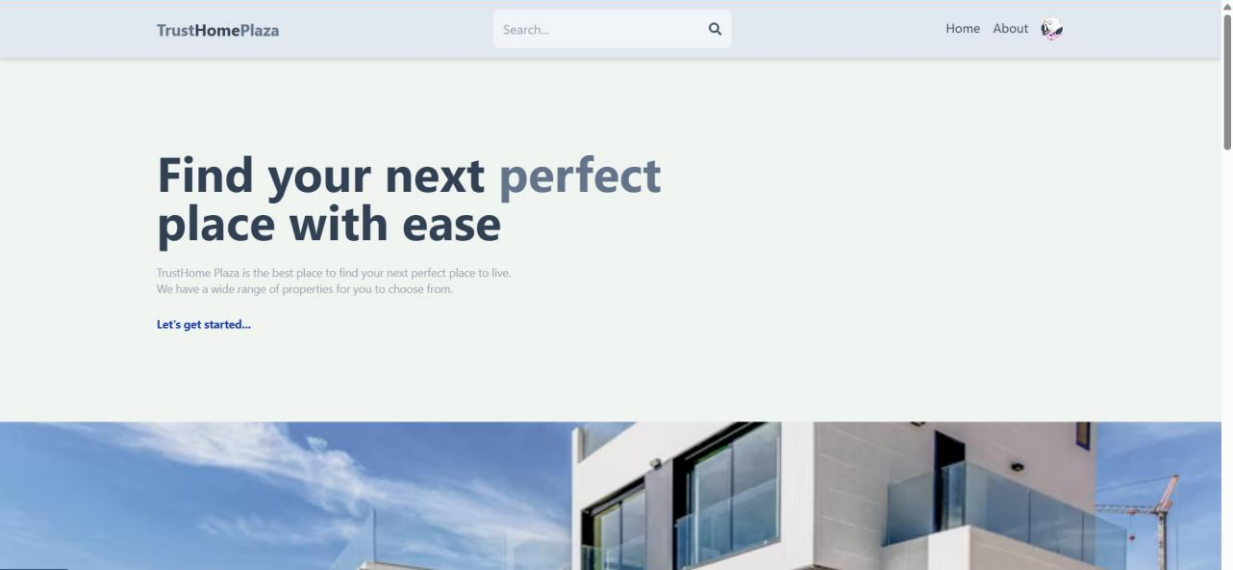
listing image DELETE

listing image DELETE

listing image DELETE

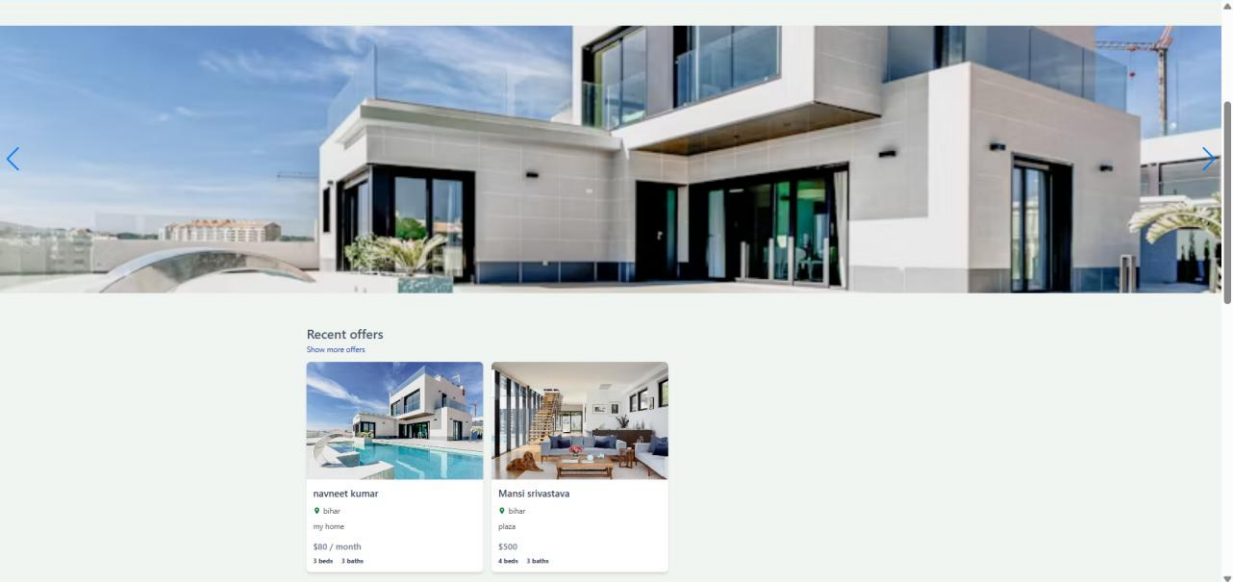
Intuitive property listing creation interface

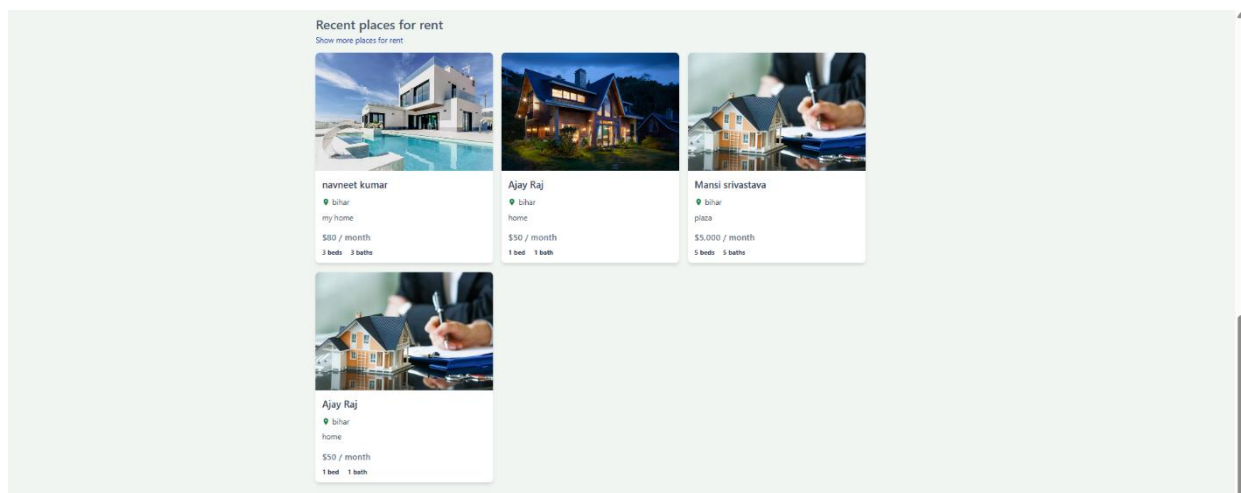
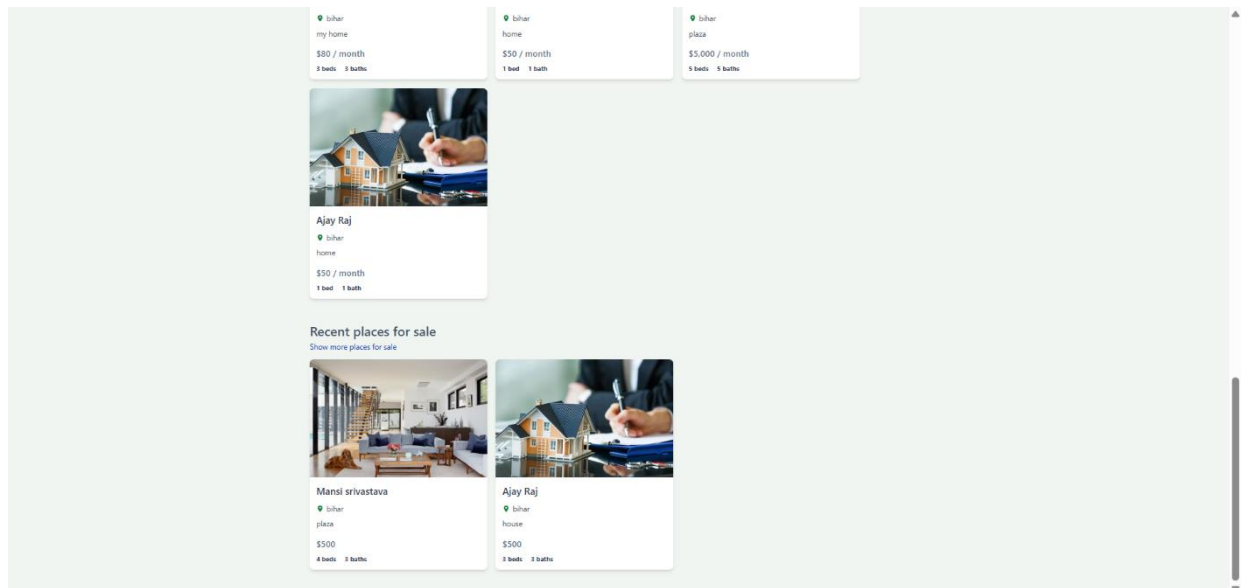
[Home Page]



Beautiful landing page with featured properties

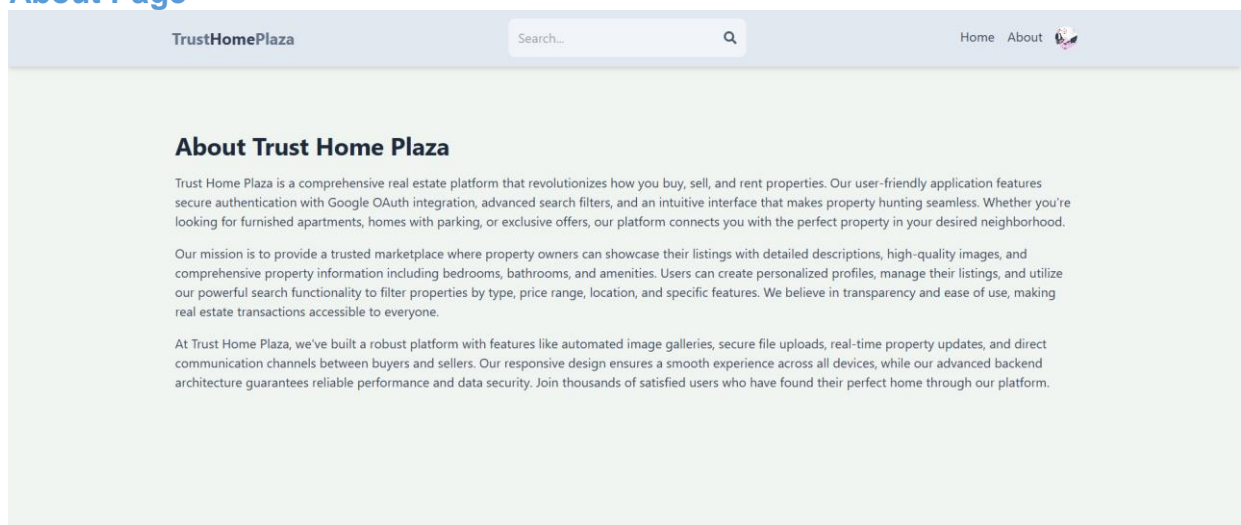
[Recent Properties]





Showcasing recent offers, rentals, and sales

About Page



Company information and platform details

Tech Stack

Frontend

- React 18 - Modern JavaScript framework
- React Router - Client-side routing
- Redux Toolkit - State management
- Tailwind CSS - Utility-first CSS framework
- Swiper - Touch slider for image galleries
- React Icons - Icon library

Backend

- Node.js - JavaScript runtime
- Express.js - Web application framework
- MongoDB - NoSQL database
- Mongoose - MongoDB object modeling
- Multer - File upload middleware
- JWT - JSON Web Tokens for authentication

Authentication

- Firebase Authentication - Google OAuth integration
- bcryptjs - Password hashing
- jsonwebtoken - JWT token management

File Storage

- Local File System - Image storage with proper URL handling
- Multer - File upload processing

Firebase Setup

1. Create a Firebase project
2. Enable Google Authentication
3. Add your domain to authorized domains
4. Configure Firebase in `client/src/firebase.js`

5. Run the Application

bash

Development mode (runs both client and server)

npm run dev

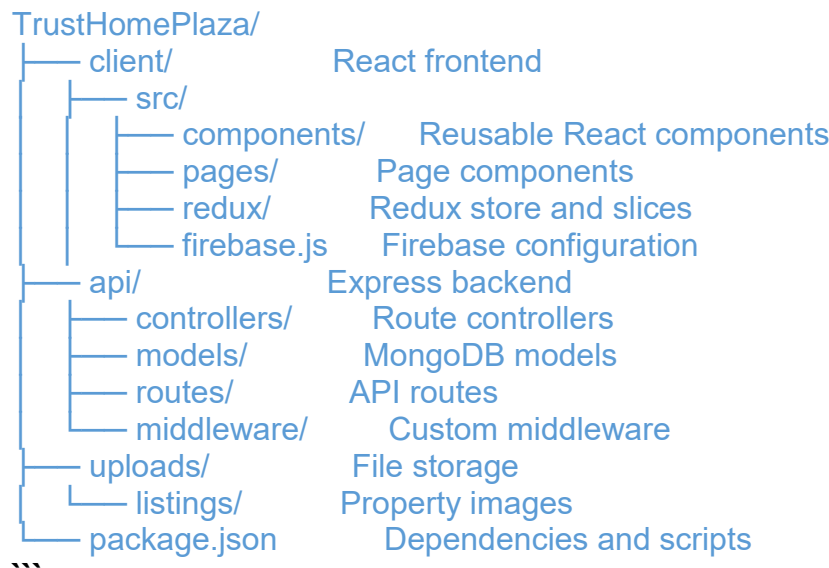
Production build

npm run build

npm start

[The application will be available at `https://trusthomeplaza.onrender.com`](https://trusthomeplaza.onrender.com)

■ Project Structure



🔧 API Endpoints

Authentication

- `POST /api/auth/signup` - User registration
- `POST /api/auth/signin` - User login
- `POST /api/auth/google` - Google OAuth

Listings

- `GET /api/listing/get` - Get all listings (with filters)
- `GET /api/listing/get/:id` - Get single listing
- `POST /api/listing/create` - Create new listing
- `PUT /api/listing/update/:id` - Update listing
- `DELETE /api/listing/delete/:id` - Delete listing

Users

- `GET /api/user/:id` - Get user profile
- `PUT /api/user/update/:id` - Update user profile
- `DELETE /api/user/delete/:id` - Delete user account

🌐 Features In Detail

Property Search

- Text Search: Search by property name, description, or location
- Type Filter: Filter by sale or rental properties
- Price Range: Set minimum and maximum price limits
- Amenities: Filter by parking, furnished status
- Offer Filter: Find properties with special offers

Image Management

- Multiple Upload: Support for up to 6 images per property
- Image Optimization: Automatic image processing and optimization

- Default Images: Fallback system for missing images
- Gallery View: Swiper-based image galleries

User Dashboard

- Profile Management: Update personal information
- Listing Management: Create, edit, and delete property listings
- Authentication: Secure login/logout functionality

Authors

Mansi Srivastava and Ajay Raj

Acknowledgments

- React community for excellent documentation
- Firebase for authentication services
- Unsplash for high-quality property images
- MongoDB for robust database solutions

TrustHomePlaza - Making real estate transactions accessible to everyone! 🏠✨