# ABOUT US

We are dedicated to offer a platform that connects travel enthusiasts to explore various places at once, that are budget-friendly. We combine the joy of exploration with the power of Generative AI to create deeply personalized, intelligent travel experiences. With GenAI, each user will receive hyper-personalized itineraries tailored to travel style, mood, and even current trends, real-time hidden gem suggestions based on location, weather, and user behavior and AI-monitored safety features that will analyze travel conditions, alerts, and user reviews. It will also help in smart community pairing, connecting our users with like-minded travelers using AI matching models. Our website will plan each journey with the help of AI assistant according to the travel style of our users, maximizing the enjoyment of every adventure.
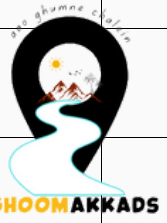
GHOOMAKKADS

# OUR DISTINCTIVE EDGE

- We will spice it up for the **verified users** by organizing **surprise trips**, keeping the destination a thrilling mystery until the last moment. Based on the interests of our users, travel history and social patterns, our AI will plan a full mystery trip — destination, stay, and activities while ensuring safety and fun.

- We will create a **community chatroom of verified travelers** with similar travel styles so that they can share their experiences. We will ensure that the identity of our users are verified, the chats will be encrypted, and there will be an AI-enhanced fraud detection to ensure a secure travel network.

- Budget is an essential aspect of any journey, and we're here to empower users to **save money** by providing our budget-friendly options and an innovative **digital saving feature.**

- We encourage our users to **save minimal money** at regular intervals by purchasing 1 digital coin which will be equivalent to 1 INR, which can be retrieved later and used for their next trips. This saving approach will prevent them from reconsidering their budget while planning their trips.

# WORKING OF THE PROJECT

The Ghoomakkads is an AI-powered travel platform that leverages Generative AI and a modern tech stack to create smart, personalized, and budget-friendly travel experiences. Built with React.js and Tailwind CSS on the frontend and Node.js with Express on the backend, the platform connects travelers with curated adventures based on their preferences, mood, and budget.

At the core is "Ghoom-Bot," an AI chatbot assistant powered by OpenAI's GPT, which interacts with users in real-time. It can suggest destinations, generate detailed itineraries, and answer travel-related queries. The Surprise Trip Planner uses GPT to select mystery destinations tailored to the user's profile, with DALL·E generating teaser images to keep the excitement alive.

The Piggy Bank feature tracks savings goals and uses AI to recommend cost-effective trips based on available funds. A travel coin system rewards users for activity and helps gamify planning. Meanwhile, the Safety Analyzer uses external data and GPT summaries to provide real-time safety scores for destinations.
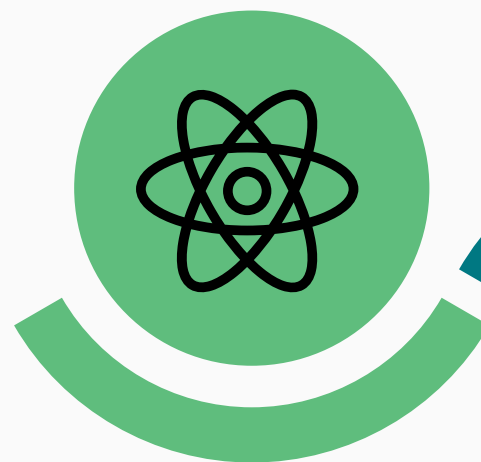
Post-trip, the platform helps users create AI-generated travel stories using uploaded photos and notes. A community-matching engine connects like-minded travelers using AI-driven similarity metrics.

All data, including user history and chat logs, is stored securely in MongoDB Atlas, and the platform is deployed using Vercel and Render for scalability. The Ghoomakkads turns AI into your personal travel planner, guide, and companion—all in one

# TECH-STACK USED

## React JS

A React.js tech stack includes React for UI, often paired with Node.js, Express (backend), and tools like Webpack, Babel, and a CSS framework like Tailwind or Bootstrap.

## NodeJS

Node.js is a JavaScript runtime built on Chrome's V8 engine, enabling server-side development with fast, scalable, event-driven, and non-blocking I/O for building real-time web applications.

## Express JS

Express.js is a minimal and flexible Node.js web application framework that simplifies building APIs and web applications with robust features and middleware support.

## Tailwind CSS

Tailwind CSS is a utility-first framework that enables rapid, responsive web design using predefined, reusable classes in HTML.

## Mongo DB

A  MongoDB tech stack combines MongoDB with Node.js, Express, and a frontend framework (like React or Angular) for full-stack web development.

## JSON Packet

A JSON package tech stack uses JSON for data interchange, often combined with Node.js, Express (backend), and frontend frameworks (like React or Vue) for handling structured data in web applications

# OUR LIMITATIONS

## 1. User Engagement and Retention

- Users may lose interest over time without fresh, interactive content.
- Solution: Regular updates, user-generated content, interactive features like polls or contests, and incentives like discounts for active users can help.

## 2. Trust and Safety Concerns

- Surprise trips with unknown travelers can cause hesitation. Ensuring user safety and trust is a major challenge.
- Solution: Implement strong verification processes, safety guidelines, and a rating system for users. Offering insurance options for trips could also help.

## 3. Financial Management and Security

- Managing user savings requires strong security and compliance. Legal issues may arise without proper licenses and policies.
- Solution: Partner with reputable payment gateways, use secure transaction methods, and implement strong data encryption. You may also need to comply with local financial regulations.

## 4. Monetization & Competition

- There are many established travel and social media platforms like Instagram, TripAdvisor, and Couchsurfing. Attracting users from these platforms can be difficult. The platform may struggle to stand out and attract a user base if it does not offer unique value.
- Solution: Focus on niche features like surprise trips and the money-saving aspect, and clearly define what sets your platform apart.

## 5. Logistics of Surprise Trips

- Challenge: Planning surprise trips for users involves complex logistics, including booking accommodations, transportation, and activities without prior input from users.
- Limitation: Mismatched expectations or poor planning could lead to user dissatisfaction.
- Solution: Collect user preferences through surveys or forms before the trip to understand their interests and comfort levels. Partner with reliable travel agencies for smooth execution.

# REFERENCE AND RESEARCH

Different ideas and information were taken
from the following reference pages,pdf and
website.

**(PDF) Social media, community development and social capital**

PDF | Initial growth in Internet use in the 1990s resulted in many digital pioneers viewing new information an...

researchgate.net

https://www.unhcr.org/innovation/wp-content/uploads/2021/01/Using-Social-Media-in-CBP.pdf

**ChatGPT**
A conversational AI system that listens, learns, and challenges

chatgpt.com