



ADVENTURE ATLAS

A User Friendly
Travel Website

OUR GOAL

In the ever growing tourism industry we cyberpunks aim to safeguard tourists from exploitation, excessive expenses and offer a systematic comfortable experience during their travel and at the same time taking care of the locals and the environment



Adventure Atlas

OUR FEATURES



ITENERAY
GENERATION



BOOKING OPTIONS



CONNECT WITH
TRAVELLERS



COTTAGE CONNECT



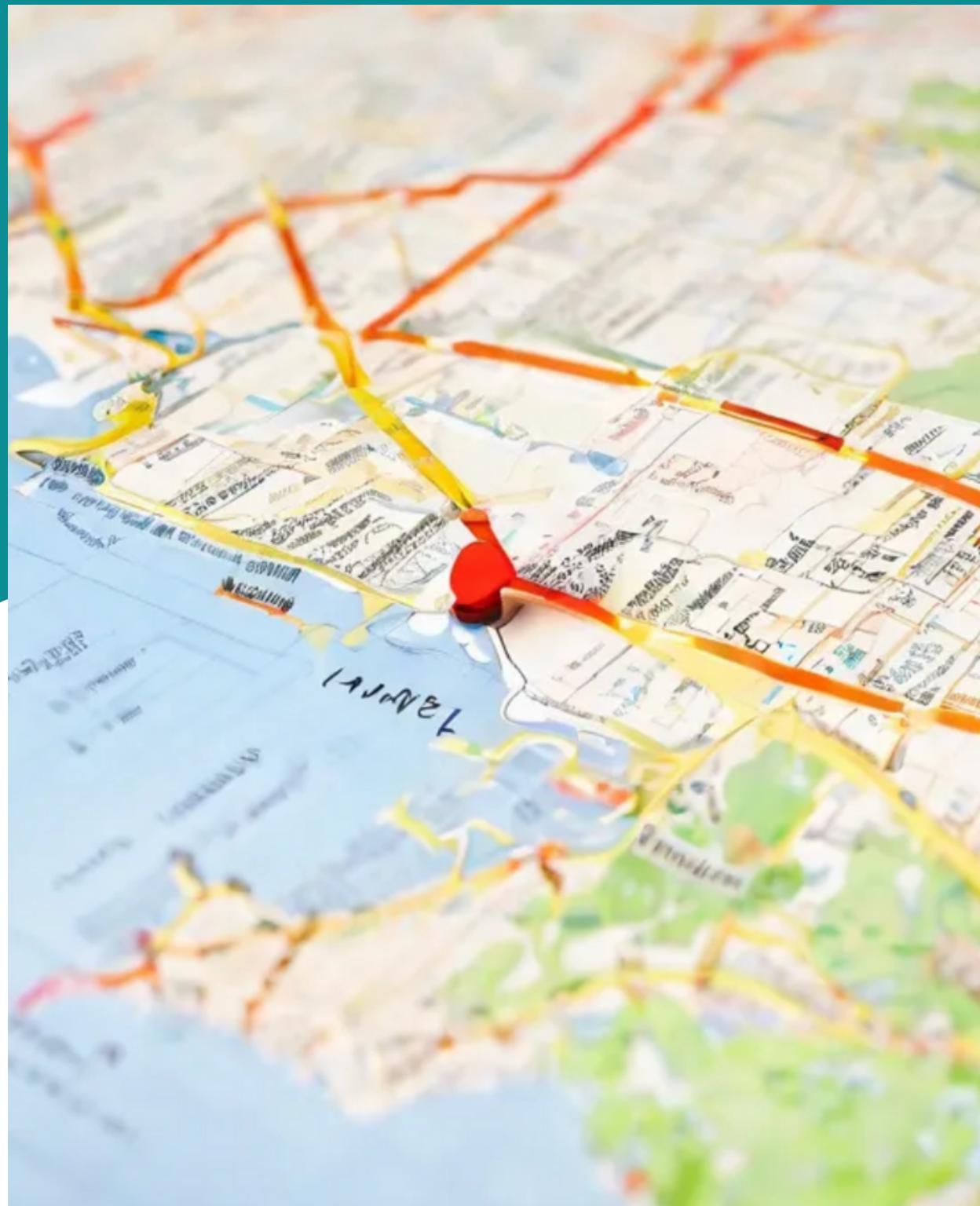
OUR FEATURES

BOOKING SYSTEM



- Booking system for flights , trains , hotels so that users will not have to visit many different websites.
- Hassle free and provides reliable and practical prices.

ITINERARY GENERATION



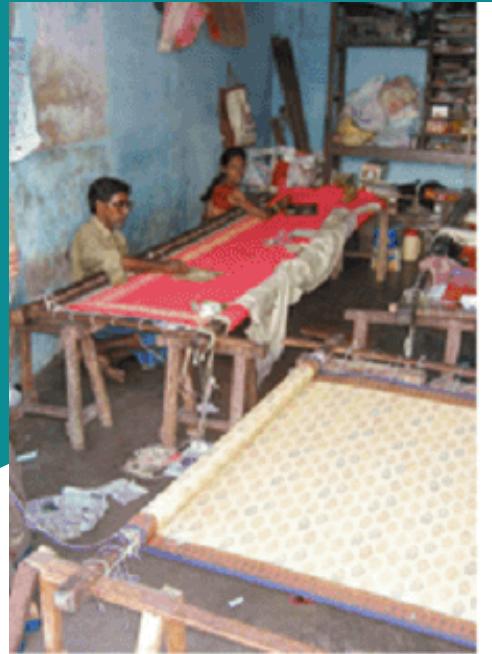
- AI based itinerary generation to help users plan their trip well without the hassle of doing any research
- Users can describe their ideal trip description based on specific parameters and it will generate an itinerary .

CARPOOL FEATURE



- Users can communicate with other users and share transportation
- Both Economical and Eco Freindly
:)

COTTAGE CONNECT



- Connects tourists with local business owners and manufacturers .
- Helps Tourists get local products on a fair price and also helps in local upliftment.

Teck stack

FRONTEND:

1. WE EMBEDDED VIDEOS AND IMAGES IN OUR WEB APP OF SERENE NATURE TO MAKE THE USER INTERFACE BETTER
2. THE ENTIRE FRONTEND IS MADE USING TYPESCRIPT AND TSX
3. WE USED SHADCNUI WHICH IS CURRENTLY THE MOST POPULAR FRONTEND UI LIBRARY TO MAKE OUR USER INTERFACE BETTER
4. WE USED DARK AND LIGHT MODE FOR CONVENIENCE OF EYESIGHT FOR VARIOUS TYPES OF USERS
5. WE USED NEXTJS FOR SERVER SIDE RENDERING OF OUR USER INTERFACE



Teck stack

BACKEND:

1. WE USED THE MONGODB DATABASE TO STORE USER DATA
2. THE BACKEND IS ALSO WRITTEN USING PURE TYPESCRIPT

ML:

- 1.PYTHON
- 2.FLASK
- 3.GEMINI API



FUTURE PROSPECTS

- CREATING AN ALGORITHM FOR PRICE OPTIMIZED ITINERARY GENERATION
- ADDING MULTILINGUAL AND AUDIO INPUT.
- INTEGRATE NAVIGATION SYSTEM
- DEVELOP ROUTE OPTIMIZATION.



THANK You