

Back to start

GeoGuide AI

Code assistant

components/ChatInterface.tsx

App.tsx

Analyzed errors for 52 seconds

Thought for 49 seconds

<!-- Fixed Error: Cannot find name 'Bot'. Added 'Bot' to imports from 'lucide-react'. -->

components/ChatInterface.tsx

Checkpoint

Suggestions

button Add share functionality

Make changes, add new features,

Preview

Code

index.tsx index.html types.ts constants.ts geminiService.ts useGeolocation.ts

File explorer

App.tsx

components

ChatInterfa...

MapBackgr...

MessageBu...

constants.ts

hooks

useGeoloc...

index.html

index.tsx

metadata.json

services

geminiServ...

types.ts

1 import React from 'react';

2 import { MapBackground } from '../components/MapBackground';

3 import { ChatInterface } from '../components/ChatInterface';

4 import { useGeolocation } from '../hooks/useGeolocation';

5

6 const App: React.FC = () => {

7 const location = useGeolocation();

8

9 return (

10 <div className="flex h-screen w-screen overflow-hidden bg-gray-100 relative">

11 <div className="flex flex-direction column-reverse">

12 <div className="absolute inset-0 z-0">

13 <MapBackground location={location} />

14 </div>

15

16 <div className="flex flex-direction column-reverse">

17 <div className="relative z-10 h-full w-full pointer-events-none flex">

18 <div>

19 Chat Interface

20 pointer-events-auto ensures interactions work on the chat

21 while clicking outside passes through to the map

22 </div>

23 <div className="pointer-events-auto h-full shadow-2xl">

24 <ChatInterface location={location} />

25 </div>

26 </div>

27

28 <div>

29 Map Controls Placeholder

30 In a full app, we might put floating map buttons here

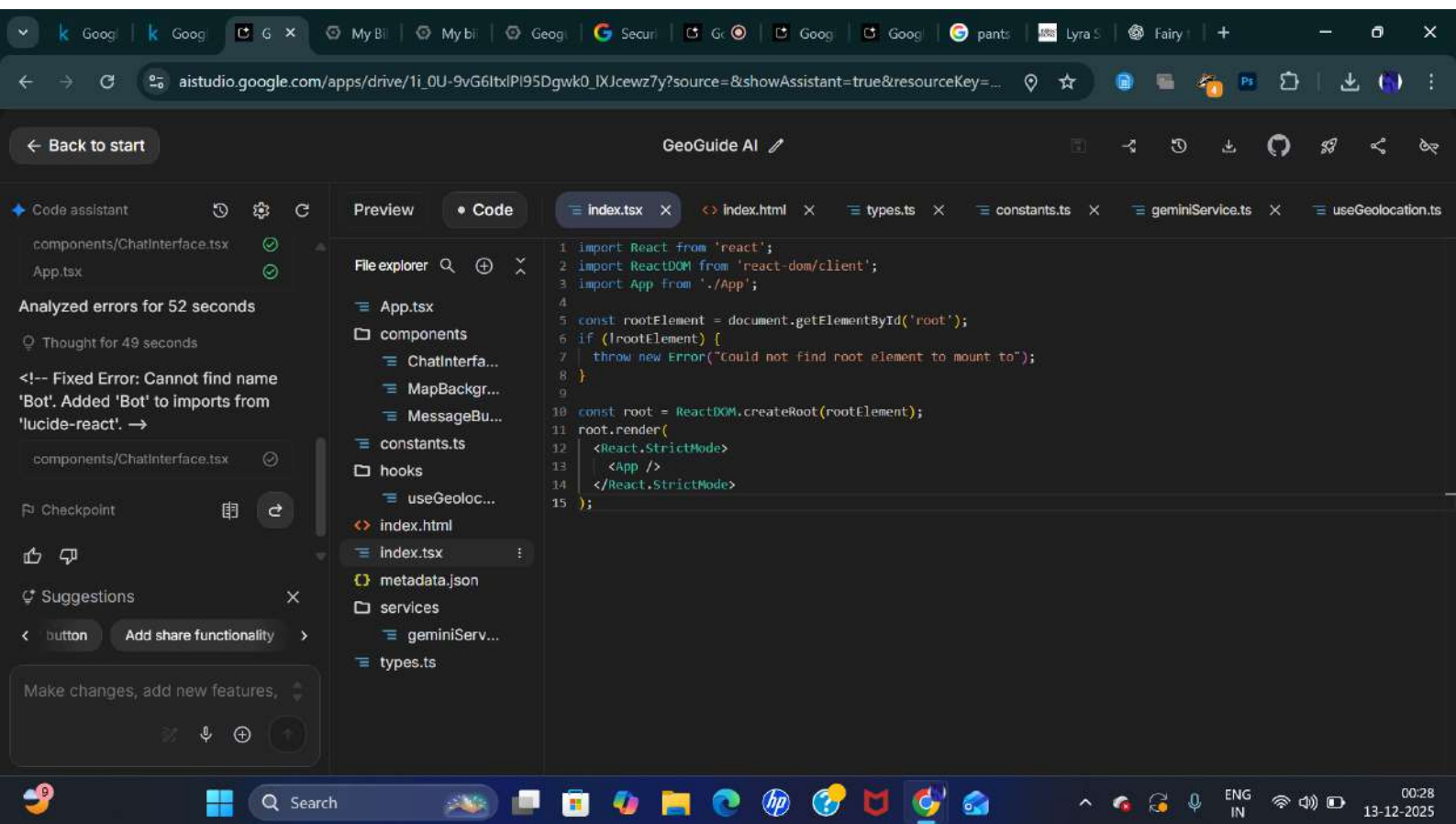
31 </div>

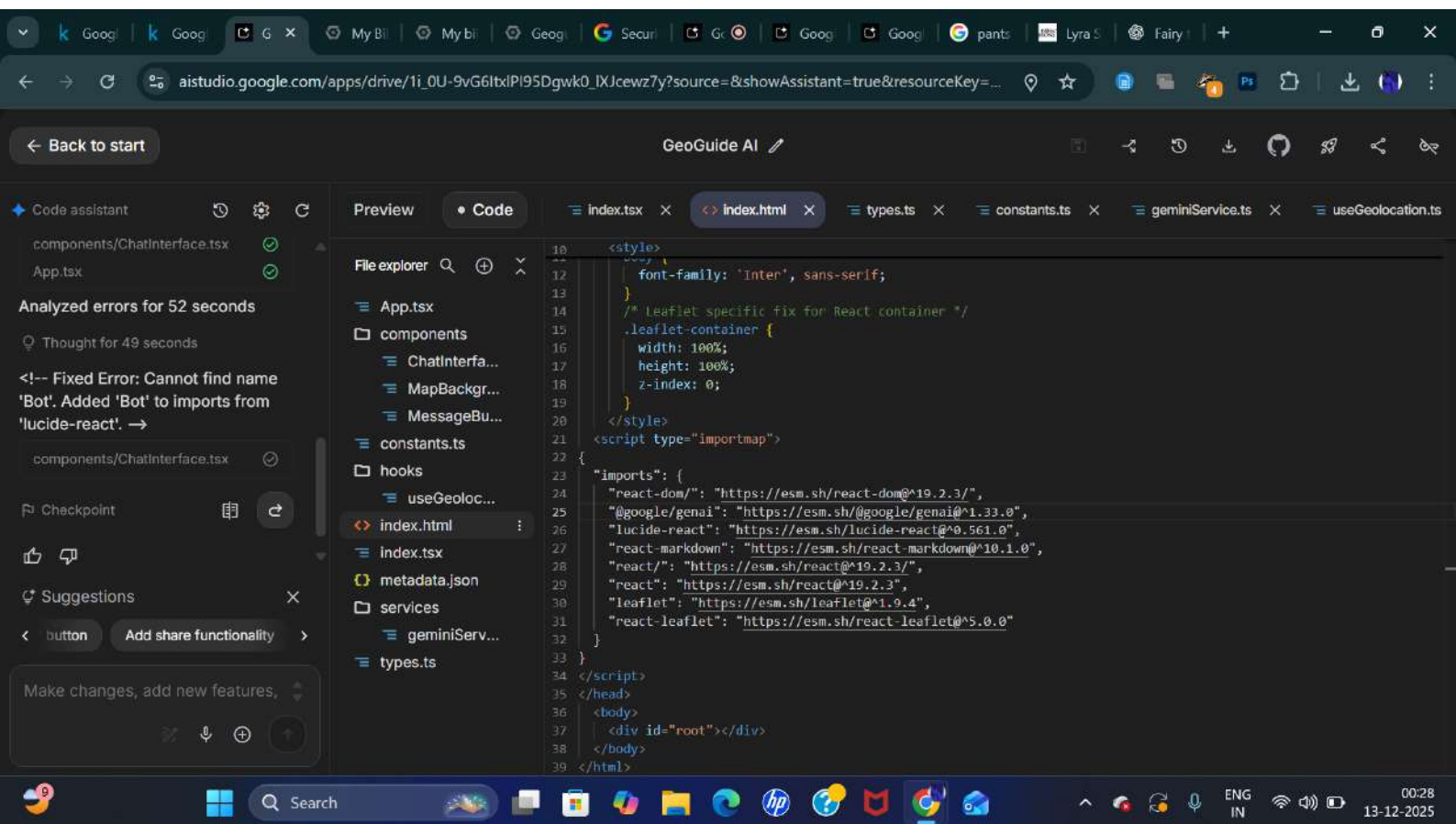
32 </div>

33 </div>

00:28

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```
12 export interface GroundingChunk {  
13   uri: string;  
14   title: string;  
15   source: string;  
16   placeAnswerSources?: {  
17     reviewSnippets?: {  
18       reviewText: string;  
19       url: string;  
20     }[];  
21   }[];  
22 }  
23  
24 export interface Message {  
25   id: string;  
26   role: 'user' | 'model';  
27   text: string;  
28   timestamp: Date;  
29   isError?: boolean;  
30   groundingChunks?: GroundingChunk[];  
31 }  
32  
33 export interface ChatState {  
34   messages: Message[];  
35   isLoading: boolean;  
36   model: ModelType;  
37 }  
38  
39  
40  
41  
42  
43
```

00:28
13-12-2025

Browser tabs: k Googl, k Googl, G x, My Bl, My bli, Geogi, G Secur, Gc, Goog, Goog, pants, Lyra S, Fairy, +

URL: aistudio.google.com/apps/drive/1i_0U-9vG6ltxPI95Dgwk0_IXJcewz7y?source=&showAssistant=true&resourceKey=...

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```
1 import { ModelType } from './types';
2
3 export const DEFAULT_LOCATION = {
4   lat: 37.7749, // San Francisco
5   lng: -122.4194
6 };
7
8 export const MODEL_CONFIGS = {
9   [ModelType.FLASH_MAPS]: {
10     label: 'Maps Agent (Flash 2.5)',
11     description: 'Best for location queries, places, and real-time map data.',
12     supportsMaps: true
13   },
14   [ModelType.PRO_CHAT]: {
15     label: 'Reasoning Agent (Pro 3)',
16     description: 'Best for complex reasoning, creative writing, and deep analysis.',
17     supportsMaps: false // Pro maps support can be variable, safer to disable for strict "Map Agent" distinction
18   }
19 };
```

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```
1 import { GoogleGenAI, Tool } from "@google/genai";
2 import { ModelType, GroundingChunk, UserLocation } from '../types';
3
4 // Ensure API key is available
5 WARNING: Do not share code with API keys.
6 const apiKey = process.env.API_KEY || '';
7 const ai = new GoogleGenAI({ apiKey });
8
9 interface SendMessageOptions {
10   message: string;
11   history: { role: string; parts: { text: string }[] }[];
12   location: UserLocation | null;
13   model: ModelType;
14 }
15
16 export const sendMessageToGemini = async ({
17   message,
18   history,
19   location,
20   model
21 }: SendMessageOptions) => {
22   try {
23     const isMapsModel = model === ModelType.FLASH_MAPS;
24
25     // Configure tools
26     const tools: Tool[] = [];
27
28     // Always add Google Search for both models if needed, but definitely for Flash Maps
29     tools.push({ googleSearch: {} });
30   } catch {
31     // ...
32   }
33 }
```

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```
1 import { useState, useEffect } from 'react';
2 import { UserLocation } from '../types';
3 import { DEFAULT_LOCATION } from '../constants';
4
5 export const useGeolocation = () => {
6   const [location, setLocation] = useState<UserLocation>({
7     lat: DEFAULT_LOCATION.lat,
8     lng: DEFAULT_LOCATION.lng,
9     error: 'Initializing...'
10  });
11
12  useEffect(() => {
13    if (!navigator.geolocation) {
14      setLocation(prev => ({ ...prev, error: 'Geolocation is not supported by your browser' }));
15      return;
16    }
17
18    const handleSuccess = (position: GeolocationPosition) => {
19      setLocation({
20        lat: position.coords.latitude,
21        lng: position.coords.longitude,
22      });
23    };
24
25    const handleError = (error: GeolocationPositionError) => {
26      let errorMessage = 'Unknown location error';
27      switch (error.code) {
28        case error.PERMISSION_DENIED:
29          errorMessage = 'Location permission denied. Showing default location.';
30      }
31    };
32  }, []);
33}
```

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GeoGuide AI

Flash Maps

Best for location queries, places, and real-time map data.

Located at 30.7675, 76.6092

Hi! I'm GeoGuide. I can help you find places nearby using Google Maps data, or answer general questions using Google Search. Try asking: 'Find reliable Italian restaurants near me'

00:08

Ask about places nearby...

Powered by Google Gemini 2.5 Flash & 3 Pro

Map of North India showing cities like Jalandhar, Chandigarh, Dehradun, and New Delhi. A blue location pin is placed near Chandigarh.

00:31
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GeoGuide AI

Flash Maps

Best for location queries, places, and real-time map data.

Located at 30.7675, 76.6092

restaurants near me'

00:08

find reliable domino restaunts near me

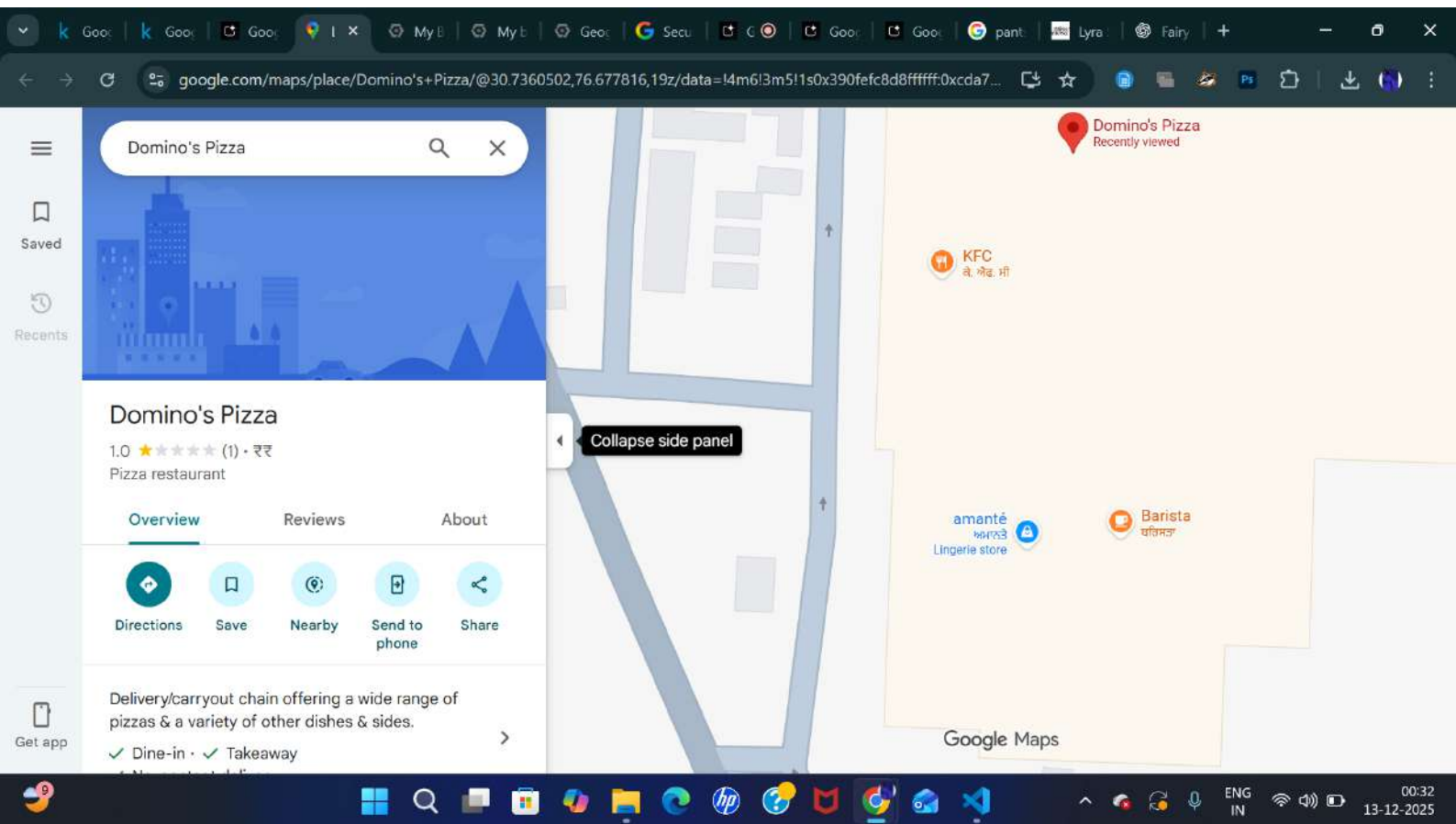
00:31

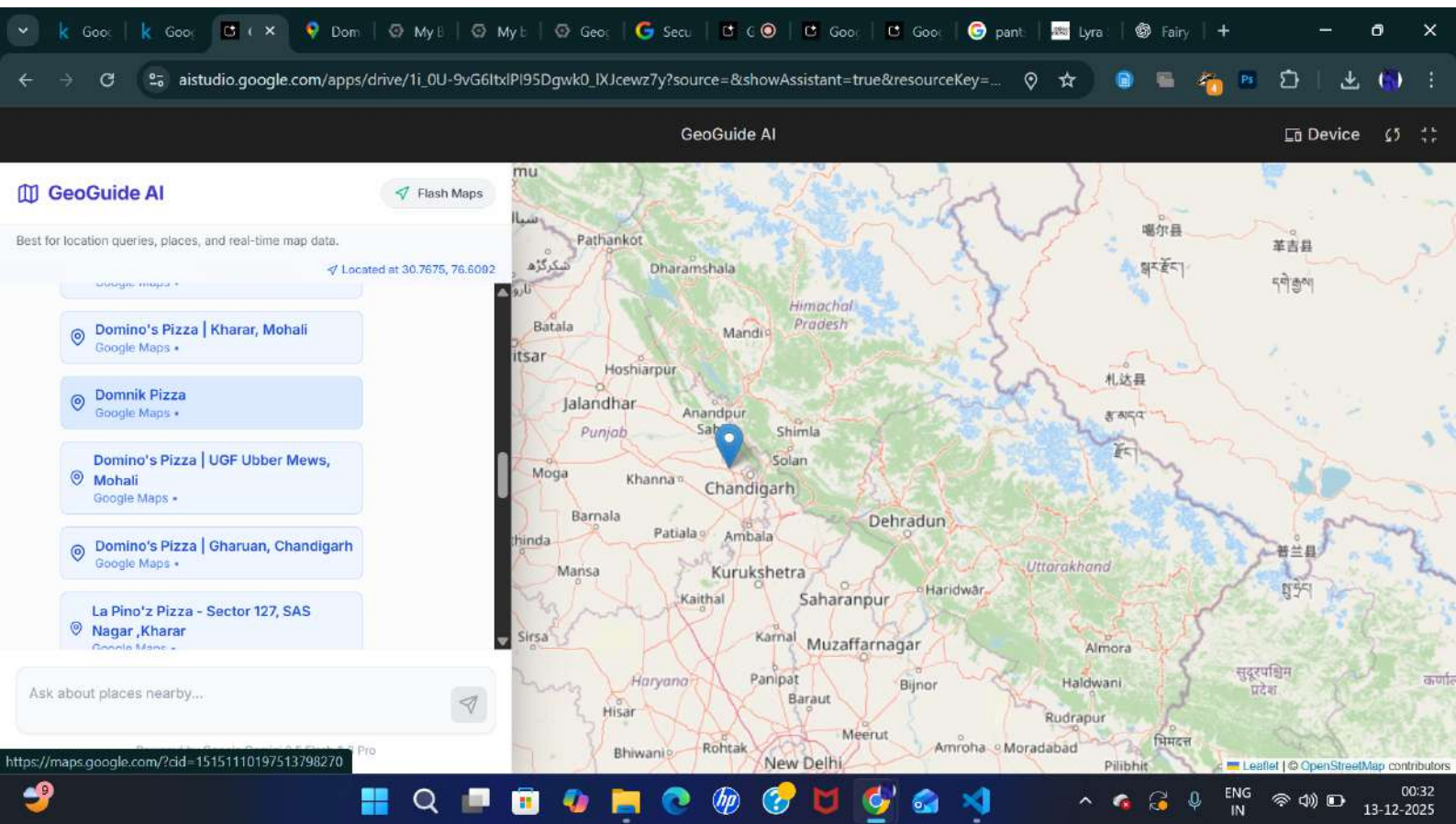
Here are a few Domino's Pizza locations near you:
Domino's Pizza | SAS Nagar, Kharar is located at No. 185, SCO 48, SCO 49, Gilco Valley Rd, Sector 127, Sector 4, Complex, Sahibzada Ait Singh Nagar, Kharar

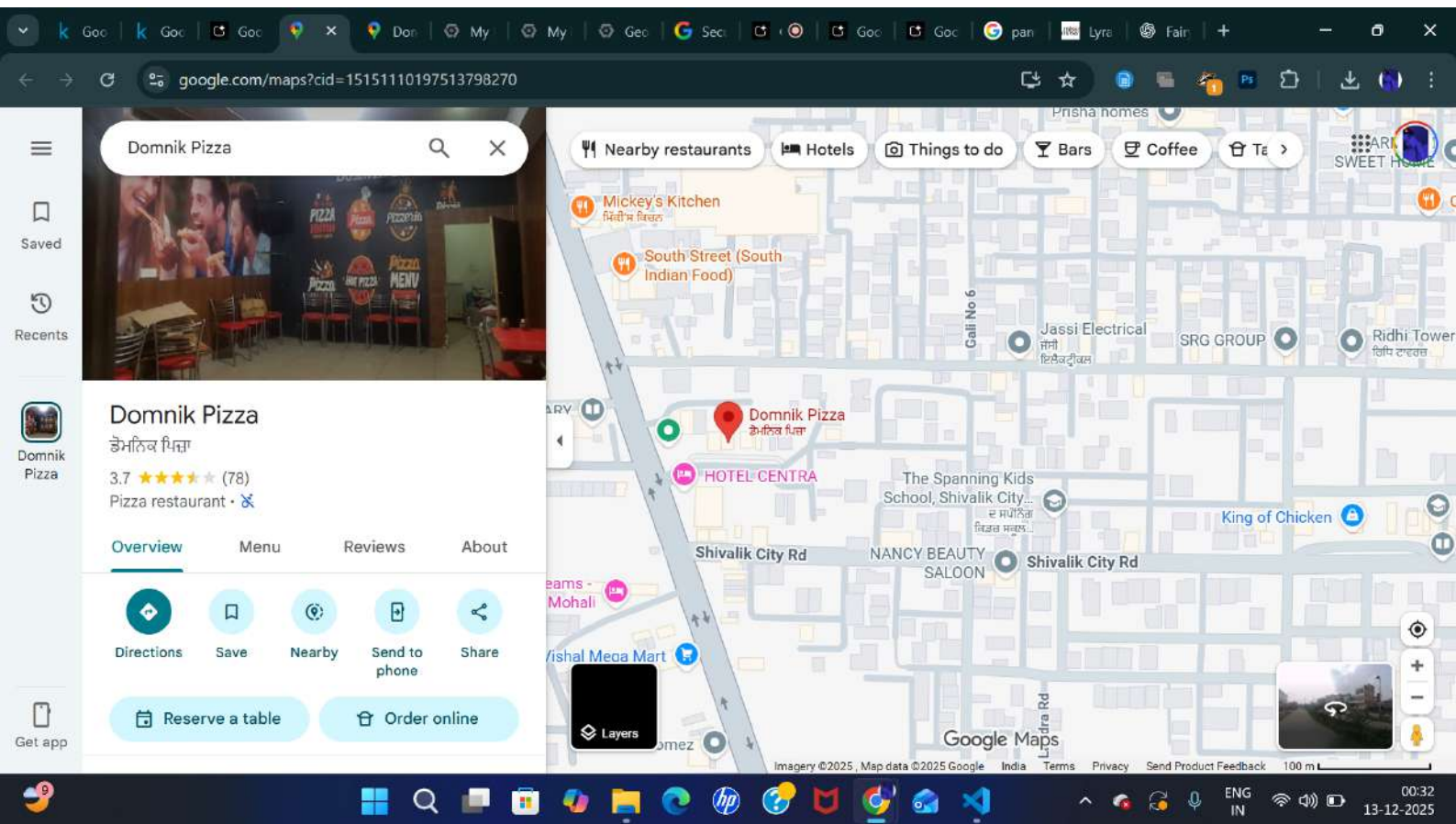
Ask about places nearby...

Powered by Google Gemini 2.5 Flash & 3 Pro

00:32
13-12-2025







GeoGuide AI

Flash Maps

Best for location queries, places, and real-time map data.

Google Maps

find near kfc

00:32

Here are some KFC restaurants near you:
KFC at SCO 8 & 9, Block A, Nirwana Square One Chandigarh Ropar Road, Khanpur, Kharar, Sahibzada Ajit Singh Nagar, Punjab 140301, India. It has a rating of 4.2 out of 5 from 719 reviews and is 4.5 kilometers away.

Ask about places nearby...

mu

Pathankot

Dharamshala

Mandi

Himachal Pradesh

Batala

Hoshiarpur

Jalandhar

Anandpur Sahib

Shimla

Solan

Chandigarh

Moga

Khanna

Barnala

Patiala

Ambala

Kurukshetra

Kaithal

Saharanpur

Haridwar

Muzaffarnagar

Karnal

Panipat

Baraut

Bijnor

Almora

Haldwani

Rudrapur

Pilibhit

Moradabad

Amroha

Meerut

Rohtak

Bhiwani

Hisar

New Delhi

Uttarakhand

Dehradun

Uttar Pradesh

Varanasi

Prayagraj

Allahabad

Jaunpur

Ballia

Meerut

Aligarh

Mathura

Delhi

Faridkot

Amritsar

Langreh

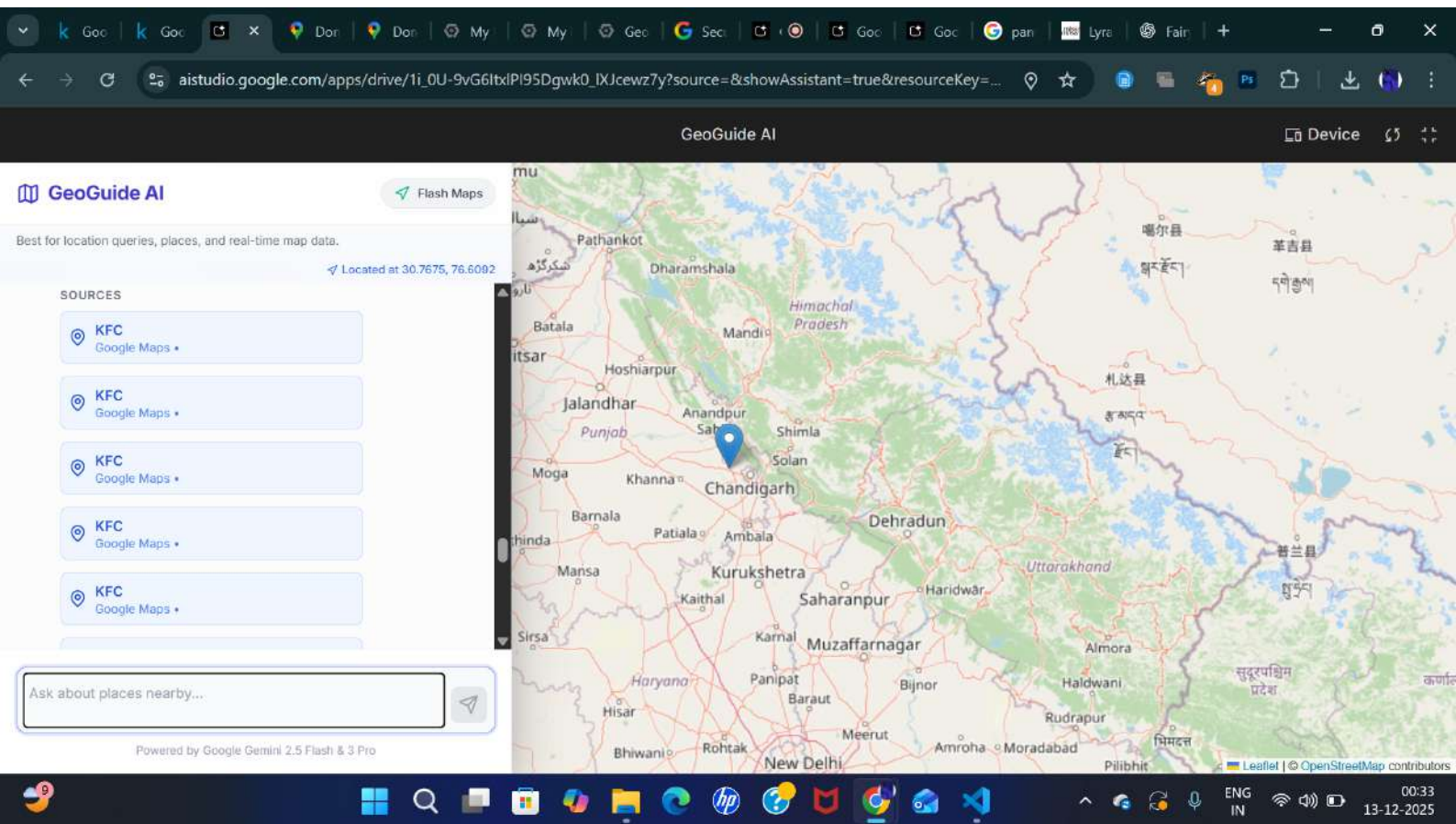
Chandigarh

India

Leaflet | OpenStreetMap contributors

00:33

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GeoGuide AI

Flash Maps

Best for location queries, places, and real-time map data.

Located at 30.7675, 76.6092

find the medical store near me around 1km under

00:34

Here is a medical store within 1km of your location:
Krishna medicos is located at 1184, GBP Crest Rd, Kharar, Punjab 140301, India. It is 217 meters away. It has a rating of 5 out of 5 from 2 reviews. Please note, it is currently closed and will open at 9:00 AM.

00:34

Ask about places nearby...

mu

Pathankot

Dharamshala

Himachal Pradesh

Mandi

Batala

Hoshiarpur

Jalandhar

Anandpur Sahib

Shimla

Solan

Chandigarh

Moga

Khanna

Barnala

Patiala

Ambala

Dehradun

Kurukshetra

Kaithal

Saharanpur

Haridwar

Muzaffarnagar

Karnal

Panipat

Baraut

Bijnor

Almora

Haldwani

Rudrapur

Pilibhit

Amroha

Moradabad

Meerut

Rohtak

Bhiwani

Hisar

New Delhi

Uttarakhand

Pathankot

Dharamshala

Himachal Pradesh

Mandi

Batala

Hoshiarpur

Jalandhar

Anandpur Sahib

Shimla

Solan

Chandigarh

Moga

Khanna

Barnala

Patiala

Ambala

Dehradun

Kurukshetra

Kaithal

Saharanpur

Haridwar

Muzaffarnagar

Karnal

Panipat

Baraut

Bijnor

Almora

Haldwani

Rudrapur

Pilibhit

Amroha

Moradabad

Meerut

Rohtak

Bhiwani

Hisar

New Delhi

Uttarakhand

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