

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

View diff

Restore

Suggestions

Add share functionality

Animate on hover

Add a 'Save' button

Make changes, add new features, ask for anything

GeoGuide AI

Flash Maps

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'

Ask about places nearby...

Powered by Google Gemini 2.5 Flash & 3 Pro

Map showing locations in Uttarakhand, India, including Dehradun, Haridwar, Saharanpur, Muzaffarnagar, Almora, and Haldwani.

Leaflet | OpenStreetMap contributors

GeoGuide AI

User
Build an interactive map-based chatbot that uses real-time Google Maps data to answer location-specific questions.

G Use Google Search data AI powered chatbot

Gemini 3 Pro Preview • Ran for 176s

Thought for 58 seconds

metadata.json index.html index.txt

Suggestions Add share functionality Animate on hover Add a 'Save' button

Make changes, add new features, ask for anything

Ask about places nearby...

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GeoGuide AI

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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

Google Google G My Bill My Bill Geog Securi Gr Goog Goog Goog pants Lyra S Fairy +

aistudio.google.com/apps/drive/1i_0U-9vG6ItxPl95Dgwk0_lXJcewz7y?source=&showAssistant=true&resourceKey=...

Back to start GeoGuide AI

Code assistant Thought for 58 seconds

metadata.json index.html index.tsx types.ts constants.ts services/geminiService.ts hooks/useGeolocation.ts components/MapBackground.tsx components/MessageBubble.tsx components/ChatInterface.tsx

Suggestions button Add share functionality Animate on hover Add a 'Save' button

Make changes, add new features, ask for anything

Ask about places nearby... Powered by Google Gemini 2.5 Flash & 3 Pro

GeoGuide AI

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

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

Flash Maps Located at 30.7675, 76.6082

ENG IN 00:28 13-12-2025

Back to start

GeoGuide AI

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Thought for 49 seconds

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components/ChatInterface.tsx

App.tsx

File explorer

Preview Code

index.tsx

index.html

types.ts

constants.ts

geminiService.ts

useGeolocation.ts

App.tsx

components

- ChatInterface.tsx
- MapBackground.tsx
- MessageBubble.tsx

constants.ts

hooks

- useGeolocation.ts

index.html

index.tsx

metadata.json

services

- geminiService.ts

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 const App: React.FC = () => {
6   const location = useGeolocation();
7
8   return (
9     <div className="flex h-screen w-screen overflow-hidden bg-gray-100 relative">
10      /* Map Background Layer */
11      <div className="absolute inset-0 z-0">
12        <MapBackground location={location} />
13      </div>
14
15      /* Content Layer */
16      <div className="relative z-10 h-full w-full pointer-events-none flex">
17        <div className="pointer-events-auto h-full w-full shadow-2xl">
18          <ChatInterface
19            pointerEventsAuto ensures interactions work on the chat
20            while clicking outside passes through to the map
21          />
22          <div className="pointer-events-auto h-full w-full shadow-2xl">
23            <ChatInterface location={location} />
24          </div>
25
26          /* Map Controls Placeholder
27           In a full app, we might put floating map buttons here
28        </div>
29      </div>
30    </div>
31  )
32}
```

button Add share functionality

Make changes, add new features

Search

ENG IN

00:28 13-12-2025

GeoGuide AI

Code assistant

components/ChatInterface.tsx

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components/ChatInterface.tsx

Checkpoint

Suggestions

Add share functionality

Make changes, add new features,

File explorer

index.tsx

index.html

types.ts

constants.ts

geminiService.ts

useGeolocation.ts

```
1 import React from 'react';
2 import ReactDOM from 'react-dom/client';
3 import App from './App';
4
5 const rootElement = document.getElementById('root');
6 if (!rootElement) {
7   throw new Error("Could not find root element to mount to");
8 }
9
10 const root = ReactDOM.createRoot(rootElement);
11 root.render(
12   <React.StrictMode>
13     <App />
14   </React.StrictMode>
15 );
```

The screenshot shows a browser-based code editor interface. At the top, there's a toolbar with various icons. Below it is a navigation bar with several tabs and a URL pointing to aistudio.google.com. The main area is divided into sections: 'Code assistant' on the left, a 'File explorer' sidebar with a tree view of files like App.tsx, components, hooks, and services, and a large central 'Code' editor window. The code editor displays a TypeScript file named index.tsx with some basic React and ReactDOM imports and a render function. On the far right, there's a status bar showing system information like battery level, signal strength, and the date/time.

Back to start

GeoGuide AI

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

components/ChatInterface.tsx

App.tsx

File explorer

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

Code editor content:

```
10 <style>
11   ...
12   font-family: 'Inter', sans-serif;
13 }
14 /* Leaflet specific fix for React container */
15 .leaflet-container {
16   width: 100%;
17   height: 100%;
18   z-index: 0;
19 }
20 </style>
21 <script type="importmap">
22 {
23   "imports": [
24     "react-dom": "https://esm.sh/react-dom@19.2.3",
25     "@google/genai": "https://esm.sh/@google/genai@^1.33.0",
26     "lucide-react": "https://esm.sh/lucide-react@^0.561.0",
27     "react-markdown": "https://esm.sh/react-markdown@^10.1.0",
28     "react": "https://esm.sh/react@^19.2.3",
29     "react": "https://esm.sh/react@^19.2.3",
30     "leaflet": "https://esm.sh/leaflet@^1.9.4",
31     "react-leaflet": "https://esm.sh/react-leaflet@^5.0.0"
32   ]
33 }
34 </script>
35 </head>
36 <body>
37   <div id="root"></div>
38 </body>
39 </html>
```

Make changes, add new features,

button Add share functionality

Search bar

System tray: ENG IN, 00:28, 13-12-2025

GeoGuide AI

Analyzed errors for 52 seconds

Thought for 49 seconds

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

Make changes, add new features,

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

GeoGuide AI

Code assistant

components/ChatInterface.tsx

App.tsx

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components/ChatInterface.tsx

Checkpoint

Suggestions

Add share functionality

File explorer

index.tsx

index.html

types.ts

constants.ts

geminiService.ts

useGeolocation.ts

```
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 };
```

Make changes, add new features,

Search

00:28 13-12-2025

The screenshot shows a browser-based code editor interface for a project named "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

Checkpoints: Checkpoint

Suggestions: Add share functionality

File Explorer:

- App.tsx
- components

 - ChatInterface..
 - MapBackgr...
 - MessageBu...

- constants.ts
- hooks

 - useGeoloc...

- index.html
- index.tsx
- metadata.json
- services

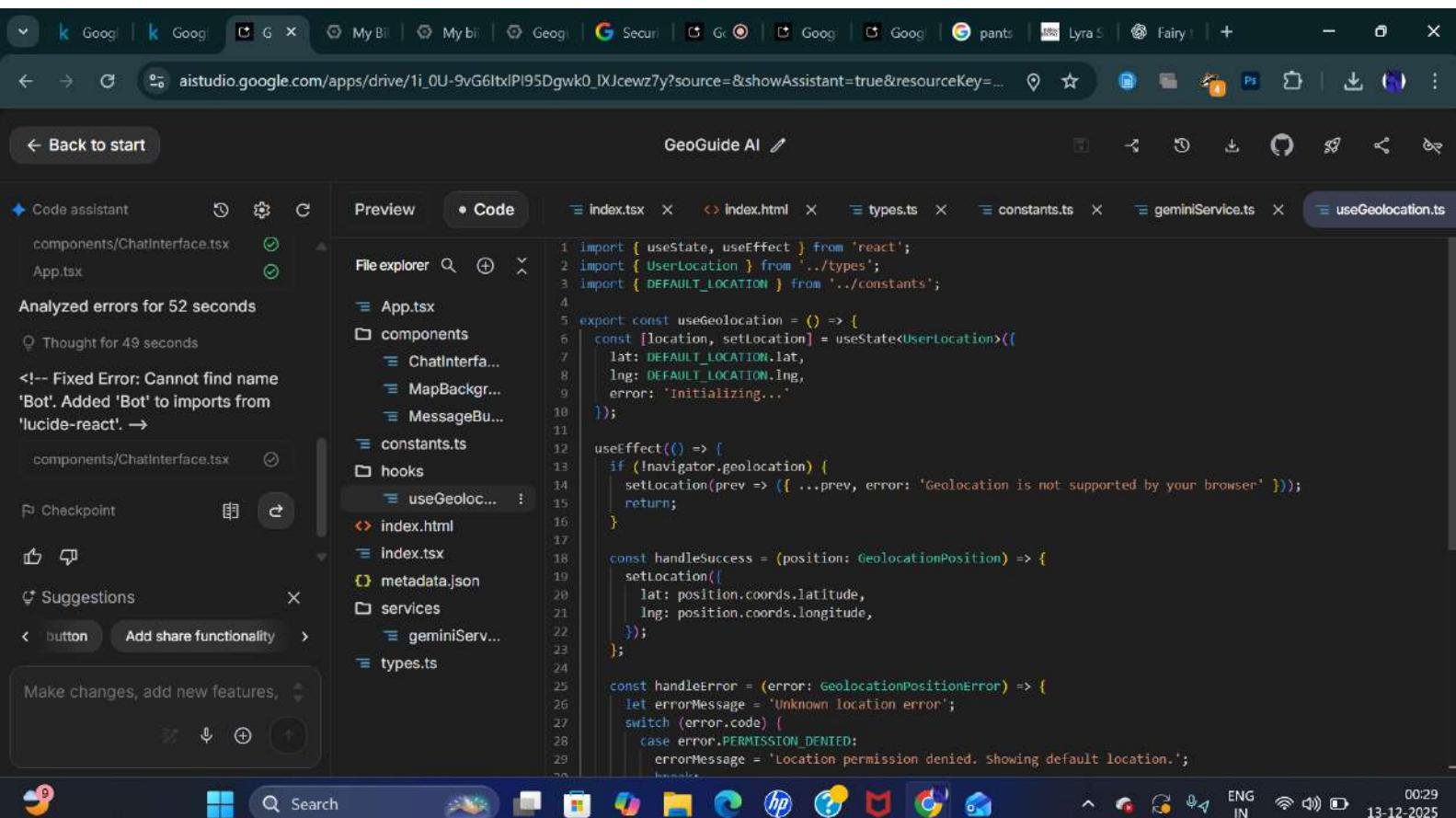
 - geminiServ...
 - types.ts

Code Tab: Preview, Code

Code Editor: index.tsx

```
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       // Always add Google Search for both models if needed, but definitely for Flash Maps
28       tools.push({ googleSearch: () });
29     ];
30   } catch (error) {
31     console.error(`Error sending message to Gemini: ${error}`);
32   }
33 }
```

Bottom Bar: Make changes, add new features, ENG IN, 00:29, 13-12-2025



GeoGuide AI

Flash Maps

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

GeoGuide AI

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

Flash Maps

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...

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GeoGuide AI

Device

Leaflet | OpenStreetMap contributors

00:31

ENG IN

13-12-2025

GeoGuide AI

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

Locating: Find reliable Domino's Pizza restaurants near me!

00:08

find reliable domino restaurants 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 Ajit Singh Nagar, Kharar

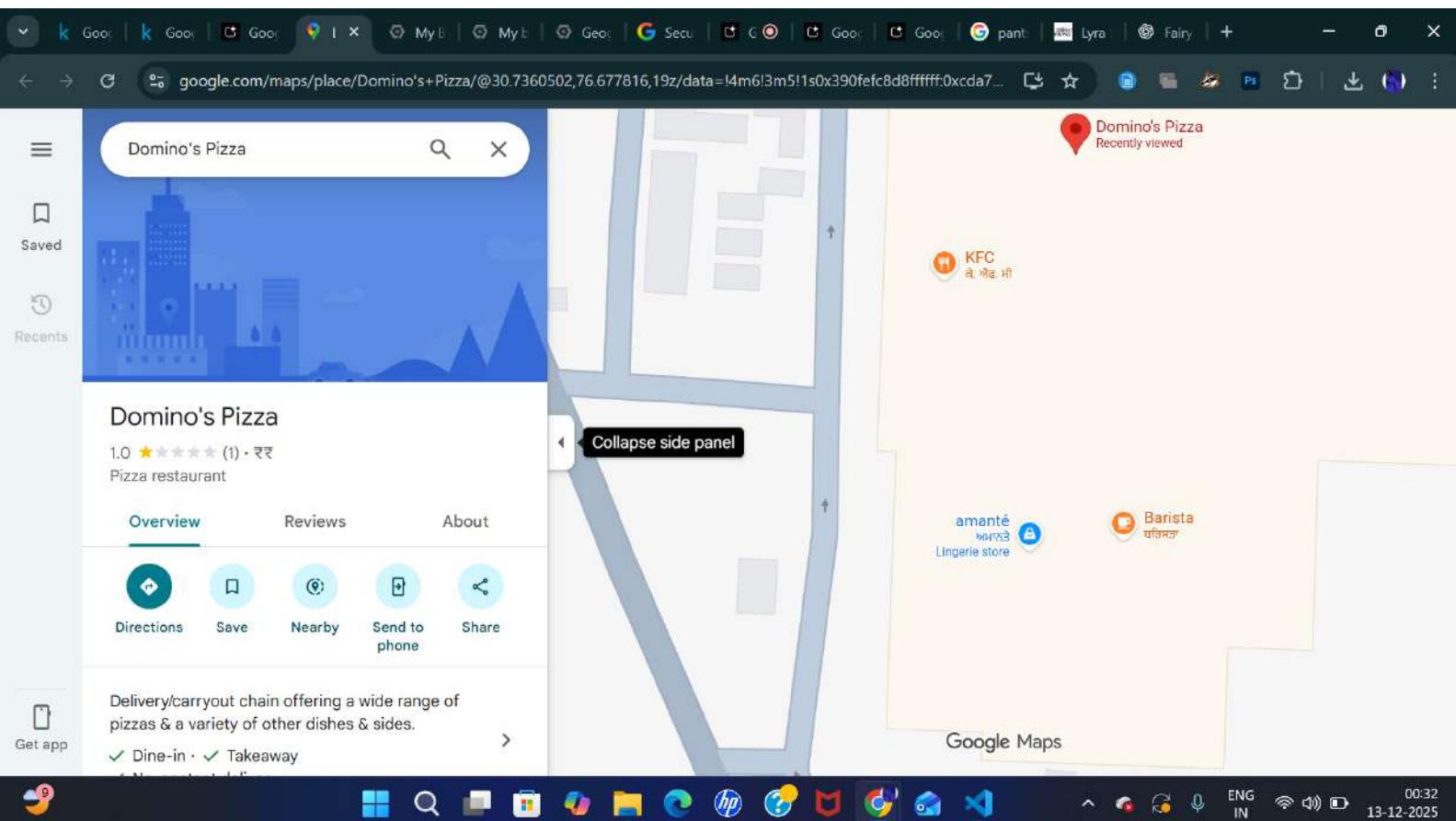
Ask about places nearby...

Powered by Google Gemini 2.5 Flash & 3 Pro

GeoGuide AI Device

Leaflet | OpenStreetMap contributors

00:32 13-12-2025



GeoGuide AI

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

Located at 30.7675, 76.6092

Flash Maps

Domino's Pizza | Kharar, Mohali
Google Maps •

Domnik Pizza
Google Maps •

Domino's Pizza | UGF Ubber Mews,
Mohali
Google Maps •

Domino's Pizza | Gharuan, Chandigarh
Google Maps •

La Pino'z Pizza - Sector 127, SAS
Nagar, Kharar
Google Maps •

Ask about places nearby...

https://maps.google.com/?cid=15151110197513798270

Device

00:32 13-12-2025

google.com/maps?cid=15151110197513798270

Domnik Pizza

Nearby restaurants Hotels Things to do Bars Coffee

Mickey's Kitchen
South Street (South Indian Food)

Domnik Pizza

Domnik Pizza

3.7 ★★★★☆ (78)
Pizza restaurant •

Overview Menu Reviews About

Directions Save Nearby Send to phone Share

Reserve a table Order online

Nearby restaurants Hotels Things to do Bars Coffee

Mickey's Kitchen
South Street (South Indian Food)

Domnik Pizza

HOTEL CENTRA

The Spanning Kids School, Shivalik City...

NANCY BEAUTY SALOON

Shivalik City Rd

Shivalik City Rd

Google Maps

Imagery ©2025, Map data ©2025 Google India Terms Privacy Send Product Feedback 100 m 00:32 13-12-2025

GeoGuide AI

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

Located at 30.7675, 76.6092

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...

https://maps.google.com/?cid=15086232819988212662

00:33 13-12-2025

GeoGuide AI

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

Located at 30.7675, 76.6092

SOURCES

- KFC Google Maps •

Ask about places nearby...

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GeoGuide AI

Flash Maps

Device

问

30.7675, 76.6092

Located at 30.7675, 76.6092

SOURCES

KFC Google Maps •

Ask about places nearby...

Powered by Google Gemini 2.5 Flash & 3 Pro

Leaflet | OpenStreetMap contributors

00:33
ENG IN
13-12-2025

GeoGuide AI

GeoGuide AI

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

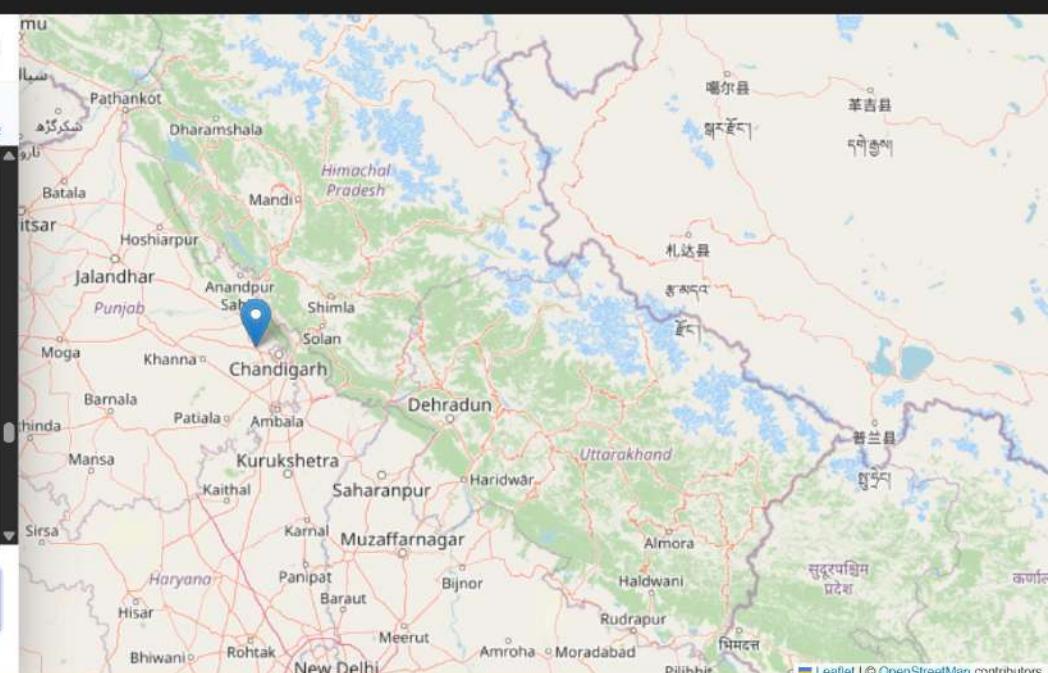
00:34

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...

<https://maps.google.com/?cid=13753392665478715331>



google.com/maps/place/Chemists/@30.6781576,76.8314424,17z/data=!3m1!4b1!4m6!3m5!1s0x390f94aa26b49803:...
Chemists

The image shows a Google Maps interface. On the left, there is a sidebar with 'Saved' and 'Recents' sections, and a 'Zirakpur &...' button. The main area displays a map of a residential or industrial area. A red pin marks the location of 'Chemists'. Other nearby points of interest include 'Ashu Bike Dealer - Used Activa&Bike |...', 'Shivaay Timber', 'Yodley Life Sciences Private Limited | PCD', 'Suvidha Kendra', and 'SANATAN DHARAM M...'. The map also shows 'PUNJAB HARYANA' and 'Gali No 8'. At the bottom, there are buttons for 'Layers', 'Google Maps', 'Amartex', and a 100 m scale bar. The status bar at the bottom right shows '00:34', 'ENG IN', and the date '13-12-2025'.

Chemists
केमिस्ट्रस
5.0 ★★★★★ (3)
Pharmacy

Overview Reviews About

Directions Save Nearby Send to phone Share

Phase 1, Industrial Area Phase 2, Panchkula,
Zirakpur, Haryana 134113

Layers Google Maps AmarTex
Yodley Life Sciences Private Limited | PCD
Imagery ©2025, Map data ©2025 India Terms Privacy Send Product Feedback 100 m

google.com/maps/dir/Decent+City,+GBP+Crest+Road,+Bhago+Majra,+Punjab/Krishna+medicos,+1184,+GBP+Cres...

The map shows a walking route from 'Decent City, GBP Crest Rd, Bhago Majra, Punjab' to 'Krishna medicos, 1184, GBP Crest Rd, Kh...'. The route is 2 min (170m) long. The map includes a sidebar with travel modes (Best, 1 min, 1 min, 2 min), a search bar, and a list of nearby places like Restaurants, Coffee, and Groceries. The bottom right corner shows a camera view of the street.

Search along the route...

Restaurants Coffee Groceries

Decent City, GBP Crest Rd, Bhago Majra, Punjab

Krishna medicos, 1184, GBP Crest Rd, Kh...

Add destination

Options

Send directions to Xiaomi 23076RN4BI

via GBP Crest Rd

Details Preview

Mostly flat

New! Continue your trip, tap the notification on your phone to get directions

Layers

Imagery ©2025, Map data ©2025 Google Maps

00:35 13-12-2025