



Google Calendar Chatbot Through Function Calling Using ChatGPT API and Google Calendar API.

1. Create Event

Bot: Hi! I'm your chatbot assistant. How can I help you today?

You: What can you do for me?

Bot: I can perform various actions related to Google Calendar for you. Here are some of the things I can do:

1. Retrieve events on a given date
2. Create new events in your calendar
3. Delete events from your calendar
4. Get free/busy information from your calendar
5. Update existing events in your calendar
6. Reschedule events in your calendar

Let me know if you would like me to perform any of these actions for you.

You:

```
@media print {  
  .ms-editor-squiggles-container {  
    display:none !important;  
  }  
}  
.ms-editor-squiggles-container {  
  all: initial;  
}  
}Retrieve events on 2023-08-01.
```

Bot: There are no events scheduled on 2023-08-01.

You:

```
@media print {  
  .ms-editor-squiggles-container {  
    display:none !important;  
  }  
}  
.ms-editor-squiggles-container {  
  all: initial;  
}  
}Create a event for team meeting for 2023-08-01 at 2pm edt for 1 hour.
```

Bot: I have created a new event for the team meeting on 2023-08-01 at 2pm EDT. It will last for 1 hour and will be held in the Conference Room. The event ID is v56vok0681d91d9110lu5c1bts.

The screenshot displays the Google Calendar web interface. At the top, the header shows 'Calendar', 'Today', and navigation arrows for '1 August 2023'. The main area is a calendar view for August 2023, with a blue event titled 'Team Meeting' scheduled for Tuesday, August 1st, from 10 AM to 11 AM in the Conference Room. The left sidebar contains a 'Create' button, a monthly calendar view, a search bar, and a list of calendars including 'Nishit Rathod', 'Birthdays', 'Tasks', and 'Holidays in Canada'.

2. Get Event Information

You: Okay get event information for 2023-08-01.

Bot: On 2023-08-01, there is one event scheduled:

- Summary: Team Meeting
- Start Time: 2023-08-01 10:00:00 AM (EDT)
- Location: Conference Room

Please let me know if there is anything else I can help you with.

3. Update Event

Please let me know if there is anything else I can help you with.

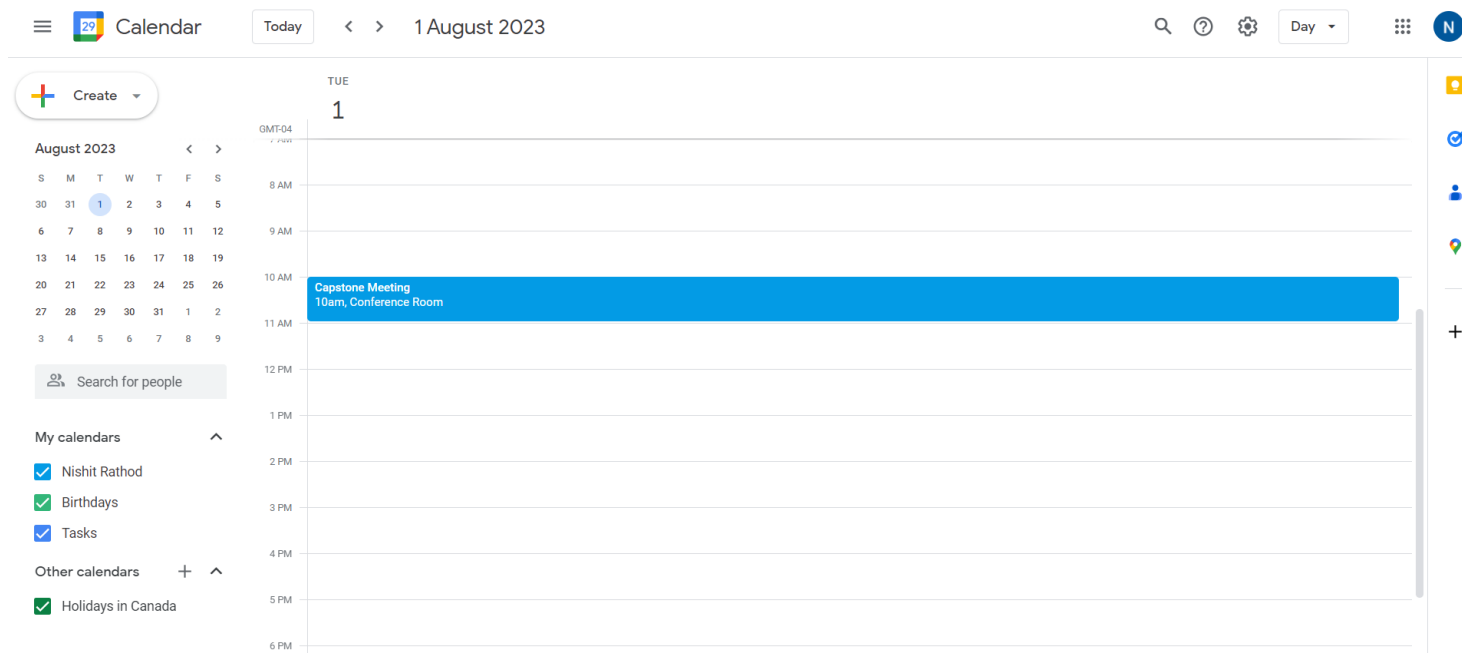
You: Change the name of the event to "Capstone Meeting"

Bot: I have updated the name of the event to "Capstone Meeting".

You: Okay get event information for 2023-08-01.

Bot: On 2023-08-01, there is one event scheduled:

- Summary: Capstone Meeting
- Start Time: 2023-08-01 10:00:00 AM (EDT)
- Location: Conference Room



4. Free/Busy Event

Please let me know if there is anything else I can assist you with.

You: Tell me my free/busy time for 2023-08-01.

Bot: On 2023-08-01, you are busy from 2:00 PM UTC to 3:00 PM UTC for the Capstone Meeting.

5. Reschedule Event

You:

```
@media print {  
  .ms-editor-squiggles-container {  
    display:none !important;  
  }  
}  
  
.ms-editor-squiggles-container {  
  all: initial;  
}
```

}Can you reschedule the event on 2023-08-01, from 3pm to 4pm edt instead of 2pm to 3pm edt.

Bot: I have rescheduled the event on 2023-08-01 from 3:00 PM EDT to 4:00 PM EDT.

You: Okay get event information for 2023-08-01.

Bot: On 2023-08-01, there is one event scheduled:

- Summary: Capstone Meeting
- Start Time: 2023-08-01 11:00:00 AM (EDT)
- Location: Conference Room

Please let me know if there is anything else I can assist you with.

The screenshot displays a calendar interface for August 2023. At the top, the header shows 'Calendar', 'Today', and the date '1 August 2023'. A search bar and various icons are also present. On the left, a 'Create' button and a monthly calendar view are visible. The main area shows a daily view for Tuesday, August 1st, with a time slot from 6 AM to 4 PM. A blue event bar is scheduled for 11 AM, labeled 'Capstone Meeting' with the location '11am, Conference Room'. On the right, a sidebar contains icons for notifications, a person, and a location pin, along with a plus sign for more options. At the bottom left, there is a 'Search for people' field and a list of 'My calendars' including 'Nishit Rathod', 'Birthdays', and 'Tasks'. Below that, 'Other calendars' includes 'Holidays in Canada'.

6. Delete Event

You: Can you delete the event which created is on 2023-08-01.

Bot: I have deleted the event that was scheduled on 2023-08-01.

You: Okay get event information for 2023-08-01.

Bot: There are no events scheduled on 2023-08-01.

The screenshot displays the Google Calendar web interface. At the top, the header shows the 'Calendar' app name, a 'Today' button, and navigation arrows for the date '1 August 2023'. On the right side of the header are icons for search, help, settings, a view selector set to 'Day', a grid icon, and a user profile icon labeled 'N'.

On the left sidebar, there is a 'Create' button with a plus icon. Below it is a mini-month calendar for August 2023, where the 1st is highlighted. Under the mini-calendar is a 'Search for people' input field. Further down, under 'My calendars', three calendars are listed with checkboxes: 'Nishit Rathod' (checked), 'Birthdays' (checked), and 'Tasks' (checked). Under 'Other calendars', 'Holidays in Canada' is listed with a checked checkbox.

The main area of the calendar shows a vertical timeline for Tuesday, August 1st. The timeline starts at 'GMT-04' and has hourly slots from 6 AM to 4 PM. No events are visible on this day.

On the far right, a vertical sidebar contains icons for Google Assistant, a checkmark, a person icon, a location pin, and a plus sign for more options.