

# LabLab.ai Google Vertex AI Hackathon

## Team Enemies of Syntax

Project - Book My Slot

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## SOCIAL IMPACT ANALYSIS

Impact and aid to society

# PROBLEM STATEMENT

The challenge is to develop an MVP of a product that leverages the power of Google Cloud Vertex AI model to solve real-world problems.

Imagine a world where you no longer have to spend hours searching for nearby places to eat, hair salons, or cyber cafes. Picture a solution that allows you to effortlessly book your desired slots without any hassle. That's exactly what BookMySlot aims to provide – a convenient, efficient, and personalized booking experience with the help of artificial intelligence



*“AI will have a far more profound impact on humanity than fire, electricity and the Internet.”*

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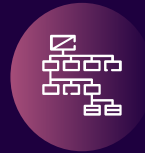
~ **Sundar Pichai**

# TOOLS / ITEMS USED



## FRONTEND

Streamlit & Material UI



## BACKEND

Python,  
GCloud SDK, OAuth



## LANGUAGES

Python, JavaScript




## TOOLS

Git, GitHub, VSCode,  
Docker

# Home Page

app - Streamlit x Google Calendar - July 2023 x Inbox (285) - arihant.sheth0802@ x +

localhost:8501

 Arihant Sheth Signed In Successfully

**Home**

Chat

Dashboard

## BookMySlot.AI - Your Personal AI Receptionist

Reminder for your next event: Synap Labs AI Team Meet tomorrow at 10:00 AM [more info](#)

summary	location	Your rating	start	end
Synap Labs AI Team Meet	Online	3 ★	{'dateTime': '2023-07-11T10:00:00+05:30', 'timeZone': 'Asia/Kolkata'}	{'dateTime': '2023-07-11T10:30:00+05:30', 'timeZone': 'Asia/Kolkata'}
Watch Artemis Mission	None	2 ★	{'dateTime': '2024-01-01T12:30:00+05:30', 'timeZone': 'UTC'}	{'dateTime': '2024-01-01T13:30:00+05:30', 'timeZone': 'UTC'}
Date with Misari	None	2 ★	{'date': '2027-02-27'}	{'date': '2027-02-28'}
Eternia Reunion	None	2 ★	{'date': '2050-01-06'}	{'date': '2050-01-07'}

Made with Streamlit

# Chat

The screenshot shows a web browser window with the URL `localhost:3501`. The browser tabs include "app - Streamlit", "Google Calendar - July 2023", and "Inbox (285) - arihant.sheth0802@...". The chat interface has a dark theme and a sidebar on the left with a navigation menu containing "Home", "Chat" (highlighted in red), and "Dashboard". A notification above the sidebar says "Arihant Sheth Signed In Successfully".

The chat history shows the following messages:

- Bot: Hello there! How can I help you today?
- User: Hello 🤖
- User: Suggest some good Italian Restaurants. Tell me their ratings, reviews and price range 🤖
- Bot: Here are some good Italian restaurants in Mumbai.
  1. Fiona has a customer rating of 4.5 out of 5 and a price range of ₹₹ - ₹₹₹. It is open now and serves Italian and Chinese food.
  2. Citrus Cafe has a customer rating of 3.5 out of 5 and a price range of ₹₹ - ₹₹₹. It is open now and serves Italian and Indian food.
  3. Romano's has a customer rating of 4.5 out of 5 and a price range of ₹₹ - ₹₹₹. It is closed now.
  4. The Italian Kitchen has a customer rating of 3.5 out of 5 and a price range of ₹₹ - ₹₹₹. It is open now and serves Italian food.

The input field at the bottom contains the text "How may I help you?" and a green send button with a right-pointing arrow.

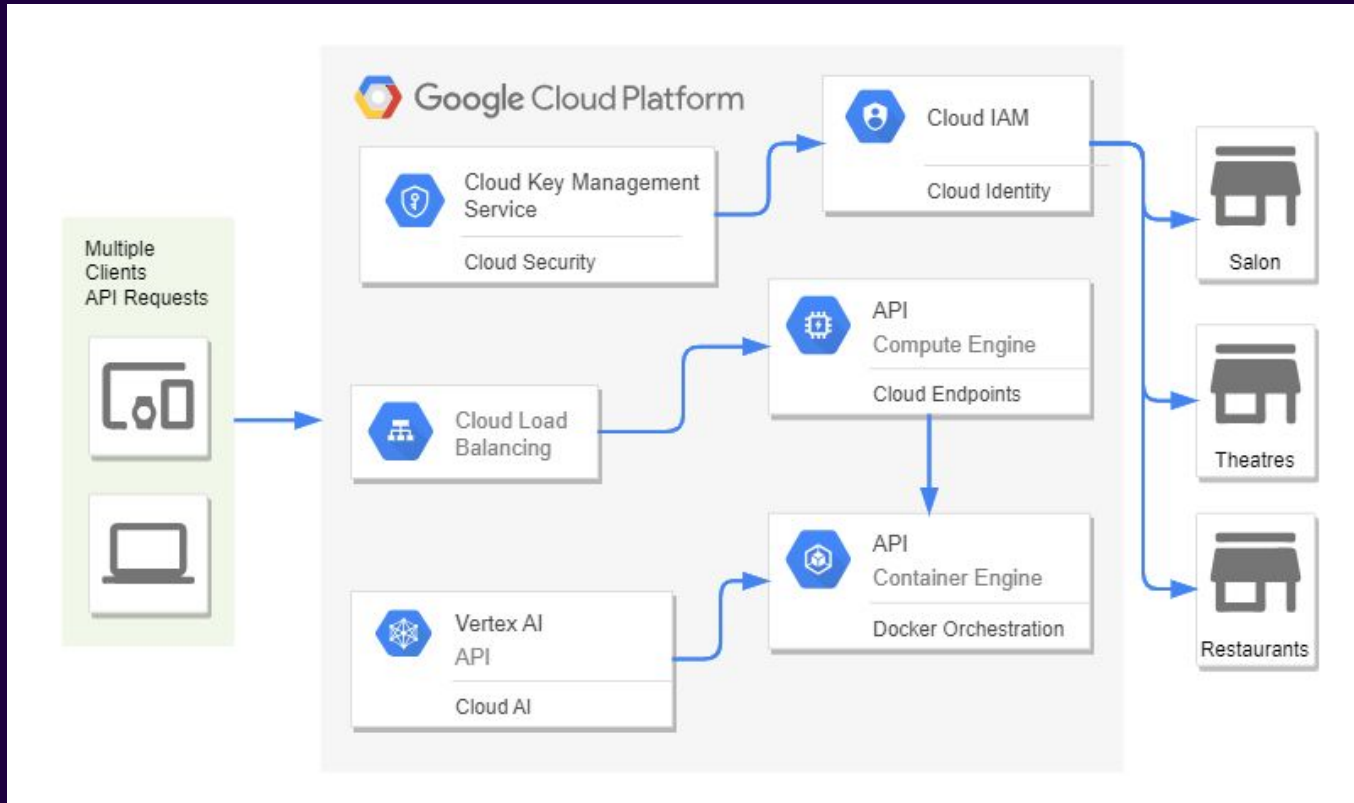
# Dashboard

The screenshot displays a web browser window with the following elements:

- Browser Tabs:** 'app - Streamlit', 'Google Calendar - July 2023', and 'Appointment Confirmed at Fion...'. The address bar shows 'localhost:7501'.
- Sidebar (Left):**
  - Profile picture of a person in a blue shirt.
  - Notification: 'Arihant Sheth Signed In Successfully'.
  - Navigation menu: 'Home', 'Chat', and 'Dashboard' (highlighted in red).
- Main Content Area:**
  - Section Header: 'Previous Appointments in Mumbai, India'.
  - Text: 'Zoom in to explore'.
  - Map: A map of Mumbai, India, showing various neighborhoods. A tooltip is visible over a location, displaying 'Appointment Time: 3:00 PM Summary: Manicure'.



# Cloud Architecture



# ANY CHALLENGES FACED

1

## INTEGRATION

Integration of Django REST API with React JS. Can be fixed by using axios with async and await instead of fetch and callbacks

2

## LANGUAGE SDKs

CSV Visualization

3

## DEPENDENCIES

Dependency issues with node modules  
Can be fixed by npm audit fix which will look for updates that can be updated to fix them automatically

4

## ALGORITHMS

Visualizing various ML Models



# THANKS!

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