
IBM AICTE PROJECT

Travel Planner Agent

Presented By:

Student name :Abdul shihan

College Name & Department : Yenepoya University ,Bangalore,BCA

OUTLINE

- Problem Statement
- Technology used
- Wow factor
- End users
- Result
- Conclusion
- Git-hub Link
- Future scope
- IBM Certifications

PROBLEM STATEMENT

Planning a trip can quickly become stressful—juggling countless websites, comparing prices, checking weather, and trying to create the perfect itinerary. For students, professionals, or families, this often leads to confusion, wasted time, and missed experiences.

Proposed Solution:

The AI-powered Travel Planner Agent takes the stress out of planning by understanding your preferences and budget, then generating smart, personalized travel plans. From destination picks to cost estimates and local tips, it's like having a travel expert in your pocket—ready to make your journey smooth, fun, and memorable.

TECHNOLOGY USED

- IBM cloud lite services
- Natural Language Processing (NLP)
- Retrieval Augmented Generation (RAG)
- IBM Granite model
- Prompt Lab & Prompt Data Assets
- Watsonx.ai Studio

IBM CLOUD SERVICES USED

- IBM Cloud Watsonx AI Studio
- IBM Cloud Watsonx AI runtime
- IBM Cloud Agent Lab
- IBM Granite foundation model

WOW FACTORS

This agent will revolutionize travel planning by eliminating hours of manual searching, providing highly personalized itineraries, and enabling smarter, budget-conscious decisions. Whether for solo travelers, families, or groups, it ensures an efficient, inspiring, and stress-free travel experience from start to finish.

Unique features:

- Ask travel questions in plain language—get instant, clear, and complete trip plans.
- Custom plans based on traveler preferences (budget, location, season, food, activities, etc.).
- Suggests hidden gems and less crowded places that align with user interests.
- Local Food & Culture Guide.
- Helps users stay within budget with alternative suggestions and smarter cost splits.
- Encourages sustainable choices with eco-friendly travel recommendations.


END USERS

- Senior Citizens
- Travel Agencies
- Families & Groups
- Working Professionals
- Travel Bloggers & Content Creators
- Students & Young Explorers

- "What are the top places to visit in Himachal Pradesh in October?"
- "I have 3 days in Jaipur-what should I do each day?"
- "Estimate travel cost for 2 people visiting Ooty."
- "Best time to visit Darjeeling?"

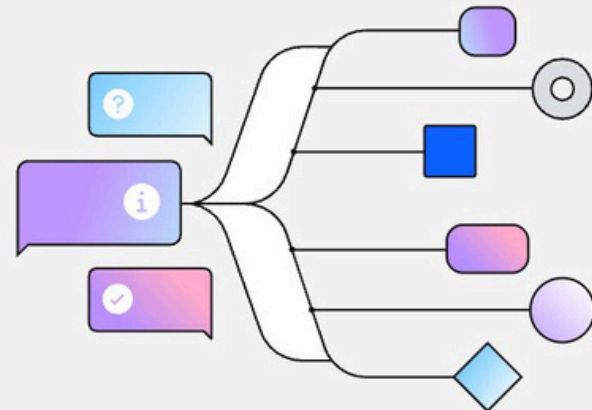
.ck
β
Autosaved 12:18 AM
New agent +
Deploy

Agent preview


Travel Planner Agent 12:18 AM

Welcome to Travel Planner Agent

Plan smarter, travel better! Enjoy smart tips, itineraries, costs, and weather—just for you.



Sample questions

"What are the top places to visit in Himachal Pradesh in October?"
→

"I have 3 days in Jaipur—what should I do each day?"
→

"Estimate travel cost for 2 people visiting Ooty."
→

"Best time to visit Darjeeling?"
→

Type something...

RESULTS

OUTPUT

- Destination guides
- Budget hotel options
- Travel cost estimates
- Weather patterns
- Itinerary templates

Agent preview



YOU: 12:18 AM

"I have 3 days in Jaipur—what should I do each day?"



Travel Planner Agent 12:18 AM

Here's a suggested 3-day itinerary for Jaipur:

Day 1:

- Morning: Visit the City Palace and Hawa Mahal
- Afternoon: Explore Jantar Mantar and Nahargarh Fort
- Evening: Enjoy drinks at Bar Palladio and have morning tea at Gulabji or Samrat

Day 2:

- Morning: Visit the Amer Fort Palace
- Afternoon: Explore the Albert Hall Museum and Jal Mahal
- Evening: Watch the sunset at Nahargarh

Day 3:

- Morning: Visit the Galta Ji Temple (Monkey Temple)
- Afternoon: Explore the local markets and try some street food
- Evening: Enjoy the city view from Nahargarh Fort

This itinerary provides a mix of historical sites, cultural experiences, and relaxation, and can be adjusted based on personal preferences and interests.

► How did I get this answer?

RESULTS

Upgrade

?

Abdul shihan's Account ▾

London ▾

β

Autosaved 12:23 AM

▾


New agent +

Deploy

gent preview

AS You: 12:22 AM

Give me an itinerary for Munnar for 5days

 Travel Planner Agent 12:22 AM

- Suggested Destination: Munnar
- Dates: 5 days
- Itinerary:
 - Day 1:
 - Morning: Arrive in Munnar, check-in to hotel
 - Afternoon: Visit Blossom International Park, Pothanmedu Viewpoint
 - Evening: Explore Munnar town, visit local markets
 - Day 2:
 - Morning: Visit Rajamalai (Eravikulam) National Park, home to the endangered Nilgiri Tahr
 - Afternoon: Visit Mattupetty Dam, Echo Point
 - Evening: Enjoy a campfire and stargazing (if available)
 - Day 3:
 - Morning: Visit Tea Museum, learn about tea production and history
 - Afternoon: Visit Anamudi Peak, highest peak in South India
 - Evening: Relax at the hotel or explore nearby areas

- Day 4:

Type something...

Upgrade

?

Abdul shihan's Account

London

Autosaved 12:23 AM

New agent

+

Deploy

Agent preview

- Day 4:
 - Morning: Visit Marayoor Dolmens, ancient stone structures
 - Afternoon: Visit Chinnakanal Waterfalls, Thoovanam Waterfalls
 - Evening: Enjoy a traditional Kerala dinner and cultural show (if available)

- Day 5:
 - Morning: Visit Kundala Lake, enjoy boating and scenic views
 - Afternoon: Visit Top Station, enjoy panoramic views of the Western Ghats
 - Evening: Depart from Munnar

- Hotel Options:
 - Tea Valley Resort
 - Spice Tree Munnar
 - Other hotels and resorts in Munnar

- Estimated Total Cost:
 - Accommodation: varies depending on hotel choice
 - Food and drink: varies depending on individual preferences
 - Transportation: varies depending on mode of transport
 - Attractions and activities: varies depending on individual preferences

- Weather Forecast:
 - Best time to visit Munnar: September to February

Type something...

RESULTS

Deployed Travel Agent

IBM watsonx

Upgrade?🔔

Abdul shihan's Account ▼

London ▼

deployment spaces / Plan Smart / Travel Planner Agent /

🗑️ℹ️🔗🕒💬

Travel Planner Agent

✔️ DeployedOnline

PI reference

Test

Preview

New chat

A

You 12:13 AM

Suggest a 4-day trip to Goa for a couple with a ₹25,000 budget. I prefer beaches and local food.

🌂

Travel Planner Agent 12:13 AM

Here's a suggested 4-day trip to Goa for a couple with a ₹25,000 budget:

Day 1: Arrival and Beach Relaxation

- Arrive in Goa and check-in to a budget-friendly hotel or resort
- Spend the day relaxing on the beach, such as Palolem or Agonda
- Enjoy local seafood and drinks at a beach shack

Day 2: North Goa Exploration

- Visit the famous Calangute and Baga beaches
- Explore the nearby Anjuna Flea Market for some shopping and local food
- Enjoy water sports, such as surfing or parasailing, at an additional cost

Day 3: South Goa Adventure

Type something...

➤

RESULTS

Deployed Travel Agent

IBM watsonx

Upgrade?🔔

Abdul shihan's Account ▾

London ▾

[Deployment spaces](#) / [Plan Smart](#) / [Travel Planner Agent](#) / 🗑️ ⓘ 📄 ⌛ 💬

Travel Planner Agent

✔️ Deployed Online

PI reference

Test

Preview

New chat

Day 3: South Goa Adventure

- Visit the Colva and Benaulim beaches
- Take a dolphin-watching tour or a boat ride to see the nearby islands
- Enjoy a traditional Goan meal at a local restaurant

Day 4: Cultural Experience

- Visit the Old Goa churches, such as the Se Cathedral and the Basilica of Bom Jesus
- Explore the Panjim city, including the Latin Quarter and the local markets
- Enjoy a farewell dinner at a local restaurant, trying some traditional Goan cuisine

Budget Breakdown:

- Accommodation: ₹8,000 - ₹12,000 (avg. ₹2,000 - ₹3,000 per night for a couple)
- Food and drinks: ₹4,000 - ₹6,000 (avg. ₹1,000 - ₹1,500 per day for a couple)
- Transportation: ₹1,000 - ₹2,000 (depending on the distance and mode of transport)
- Activities and entrance fees: ₹1,000 - ₹2,000 (depending on the activities chosen)
- Total: ₹14,000 - ₹22,000

This itinerary should fit within the budget of ₹25,000, leaving some room for additional expenses or activities. However, please

Type something...

➤

edunet

foundation

CONCLUSION

- The Travel Planner Agent simplifies trip planning by generating personalized itineraries, recommending destinations, and suggesting budget-friendly travel options. Integration with Booking APIs
- Travel Planner Agents enhance convenience, accessibility, and satisfaction in travel experiences, making planning easier AI-Powered Dynamic Budgeting
- for individuals, families, and even tour operators.
- It saves time by automating tasks like comparing accommodations, forecasting weather, and managing schedules and bookings.

GITHUB LINK

- CLICK HEAR FOR THE **TRAVALSMART**

FUTURE SCOPE

- Multilingual Support
- Integration with Booking APIs
- User Review & Community Feedback
- AI-Powered Dynamic Budgeting
- Real-Time Travel Alerts

IBM CERTIFICATIONS

In recognition of the commitment to achieve
professional excellence



Shihan Shereef

Has successfully satisfied the requirements for:

Getting Started with Artificial Intelligence



Issued on: Jul 15, 2025
Issued by: IBM SkillsBuild

Verify: <https://www.credly.com/badges/adf00a10-3664-4c54-a27e-ec63d852a81f>



BM **SkillsBuild**

Completion Certificate



This certificate is presented to

Abdul Shihan

for the completion of

**Lab: Retrieval Augmented Generation with
LangChain**

(ALM-COURSE_3824998)

According to the Adobe Learning Manager system of record

Completion date: 24 Jul 2025 (GMT)

Learning hours: 20 min



THANK YOU