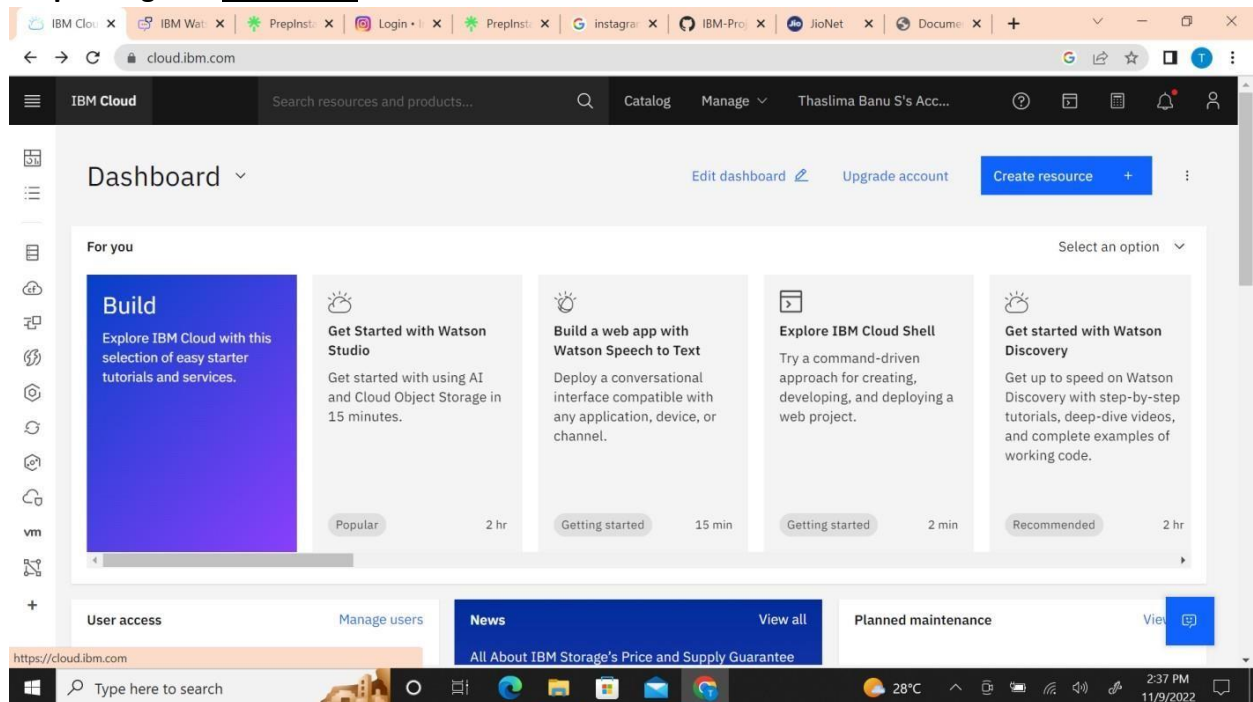


DEVELOPING A CHATBOT

Date	19 November 2022
Team ID	PNT2022TMID47073
Project Name	Skills/ Job Recommender Application

Build the Chatbot**Step 1: Login to IBM Cloud****Step 2: Search Watson Assistant**

Step

The screenshot shows the IBM Cloud Watson Assistant catalog page. The browser address bar displays `cloud.ibm.com/catalog/services/watson-assistant`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user's account (Thaslima Banu S's Acc...). The main content area is titled "Watson Assistant" and includes a description: "Watson Assistant lets you build conversational interfaces into any application, device, or channel." Below this, there are tabs for "Create" and "About". The "Create" tab is active, showing a "Select a location" dropdown menu with "Sydney (au-syd)" selected. Below this is a "Select a pricing plan" section with a table of plans. The table has columns for Plan, Features, and Pricing. The "Lite" plan is selected, with features "Everything you need to get started, free for as" and pricing "Free". To the right of the table is a "Summary" panel showing details for the selected plan: "Watson Assistant", "Location: Sydney", "Plan: Lite", "Service name: Watson Assistant-83", and "Resource group: Default". There are checkboxes for "I have read and agree to the following license agreements:" and "Terms". At the bottom of the page, there are buttons for "Create" and "Add to estimate".

Plan	Features	Pricing
Lite	Everything you need to get started, free for as	Free

3: Then Select the Launch Watson Assistant

The screenshot shows the IBM Cloud Watson Assistant "Launch Watson Assistant" page. The browser address bar displays `cloud.ibm.com/services/conversation/crm%3Av1%3Abluemix%3Apublic%3Aconversation%3Aau-syd%3Aa%2F141c7ed6f1a74e71ac365d3becc0b3c9...`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user's account (Thaslima Banu S's Acc...). The main content area is titled "Watson Assistant-a1" and includes a status indicator "Active" and a link to "Add tags". Below this, there are tabs for "Manage" and "Details". The "Manage" tab is active, showing a "Start by launching the tool" section with a "Launch Watson Assistant" button, a "Getting started tutorial" link, and an "API reference" link. To the right of this section is a "Plan" panel showing the "Lite" plan and an "Upgrade" button. Below the "Start by launching the tool" section is a "Credentials" section with a "Download" button and a "Show credentials" button. The "API key" field is filled with a masked value, and the "URL" field is filled with `https://api.au-syd.assistant.watson.cloud.ibm.com/`.

Step 4: Then Get Started

Step

IBM Watson Assistant Lite Upgrade Skill/Job Recom... Learning center

Home

Welcome, you're in the new Watson Assistant!

We have some exciting changes in store for you [Take a tour](#)

Faster build
We've simplified everything about the build process making it up to 6 times faster to launch your assistant.
[Get started](#)

Easy to use
Now anyone can build a fully-functioning assistant without the usual heavy lift from a development team.
[View documentation](#)

New features
The new Watson Assistant is loaded with features that empower you to meet the complexity of customer needs.
[See what's new](#)

[Hide details](#)

Skill/Job Recommender | English (US)
No description

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5: Then create an action and then make some sample conversation.

IBM Watson Assistant Lite Upgrade Skill/Job Recom... Learning center

Actions

Actions

Created by you

Set by assistant

Variables

Created by you

Set by assistant

Set by integration

Saved responses

Actions sit at the core of the new Watson Assistant build process. Think of them as problems or tasks that your customers want your assistant to resolve for them. They include the complete interaction between a customer and your assistant for a specific question or request.
[Find out more](#) [Take a tour](#) [Build with our guide](#)

[New action](#)

Name	Last edited	Examples Count	Status
Hi	25 minutes ago	1	✓

Items per page: 50 Showing 1–1 of 1 actions 1 1 of 1 pages

Developing a Ch...docx Developing a Chat...pdf [Show all](#)

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Step

6: Then End the Action.

The screenshot shows the IBM Watson Assistant interface. On the left, the 'Conversation steps' panel lists three steps. Step 1 is highlighted and shows the text 'Hi! How can I help you in finding you a job?'. Below it, there are buttons for 'Free text' and 'Continue to next step'. Step 2 is 'Are you a Fresher or Experienced in this Sector?' with buttons for 'Fresher' and 'Experienced'. Step 3 is 'What is your Specialization?'. On the right, the 'Step 1 is taken' panel shows the 'Assistant says' section with the same text as Step 1. Below it, there is a 'User enters free text' placeholder. At the bottom, there is a 'Continue to next step' button and a 'Preview' button.

Step 7: Embed the code.

The screenshot shows the IBM Watson Assistant interface with the 'Web chat' tab selected. The 'Embed' sub-tab is active, displaying a code block for embedding the chat on a website. The code is as follows:

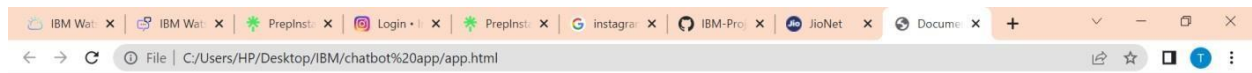
```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // The ID of your service instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions ?
  document.head.appendChild(t);
  });
</script>
```

Below the code block, there is a 'Show more' link. The interface also includes a 'Close' button and a 'Save and exit' button.

INTEGRATING CHATBOT TO HTML PAGE

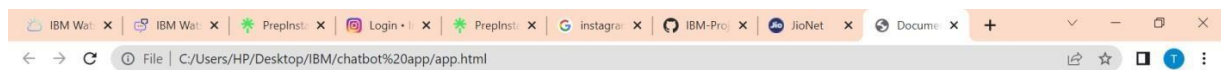
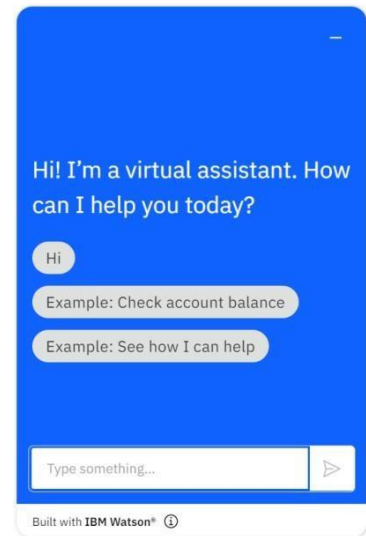
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>My Chatbot</h1>
  <blockquote>Click the bottom right corner to chat</blockquote>
<script> window.watsonAssistantChatOptions = { integrationID: "01ca5fe5-3f42-4a97-8965-
332afedd97be", // The ID of this integration. region: "au-syd", // The region your
integration is hosted in. serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", //
The ID of your service
instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js"; document.head.appendChild(t);
});
</script>
</body>
</html>
```

PREVIEW OF CHATBOT



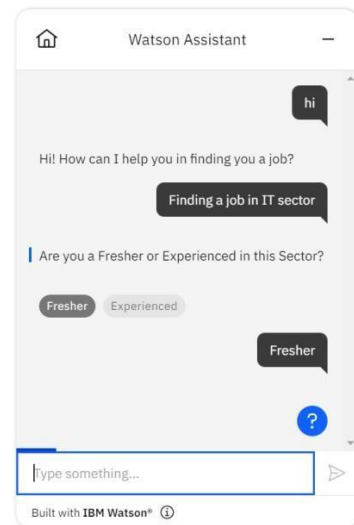
My Chatbot

Click the bottom right corner to chat



My Chatbot

Click the bottom right corner to chat



IBM Wat x IBM Wat x Preplnst x Login x Preplnst x instagra x IBM-Pro x JioNet x Docume x

File | C:/Users/HP/Desktop/IBM/chatbot%20app/app.html

My Chatbot

Click the bottom right corner to chat

Watson Assistant

What is your Specialization?

I am specialized in CSE

Where do you want to find your job(location)?

Chennai

What are your software skills you are well known in IT Sector?

UI SDE

Type something...

Built with IBM Watson®

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File | C:/Users/HP/Desktop/IBM/chatbot%20app/app.html

My Chatbot

Click the bottom right corner to chat

Watson Assistant

your question:

hi

Hi! How can I help you in finding you a job?

Finding a job in IT sector

Are you a Fresher or Experienced in this Sector?

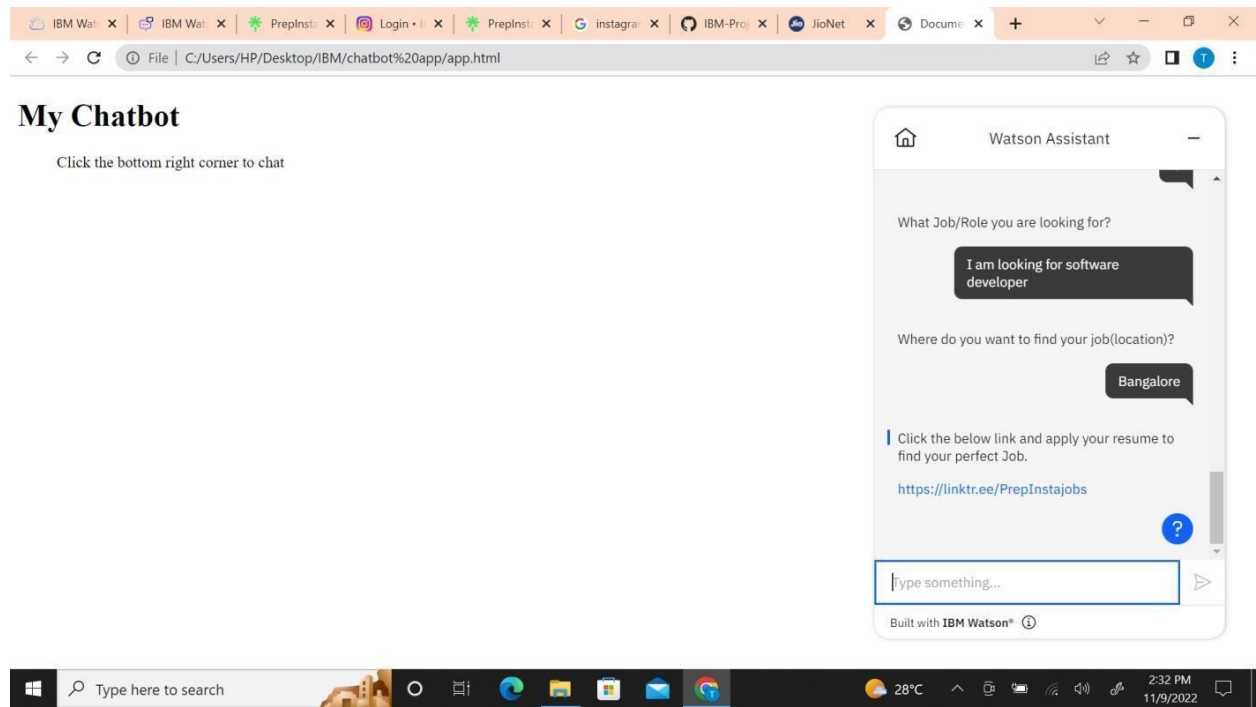
Fresher Experienced

Experienced

Type something...

Built with IBM Watson®

28°C 2:31 PM 11/9/2022



The Chatbot is created and integrated successfully.