

DEVELOPING A CHATBOT

Date	9 November 2022
Team ID	PNT2022MID42515
Project Name	Skills/ Job Recommender Application

Build the Chatbot

Step 1: Login to IBM Cloud

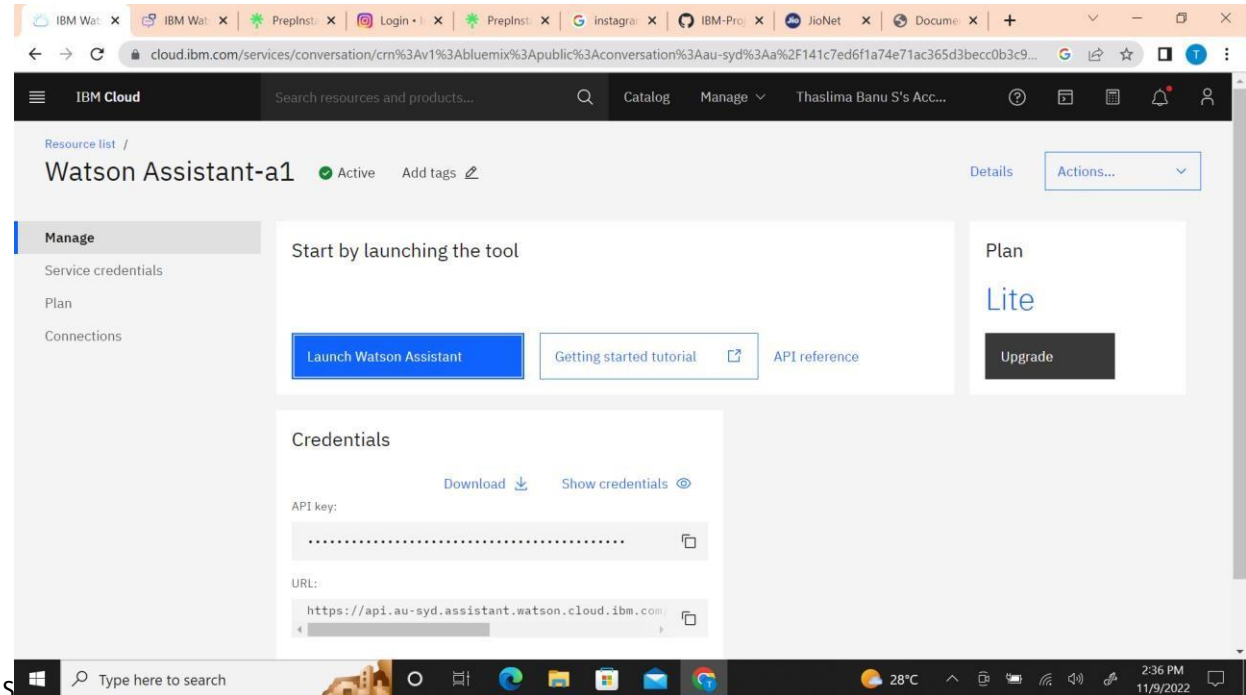
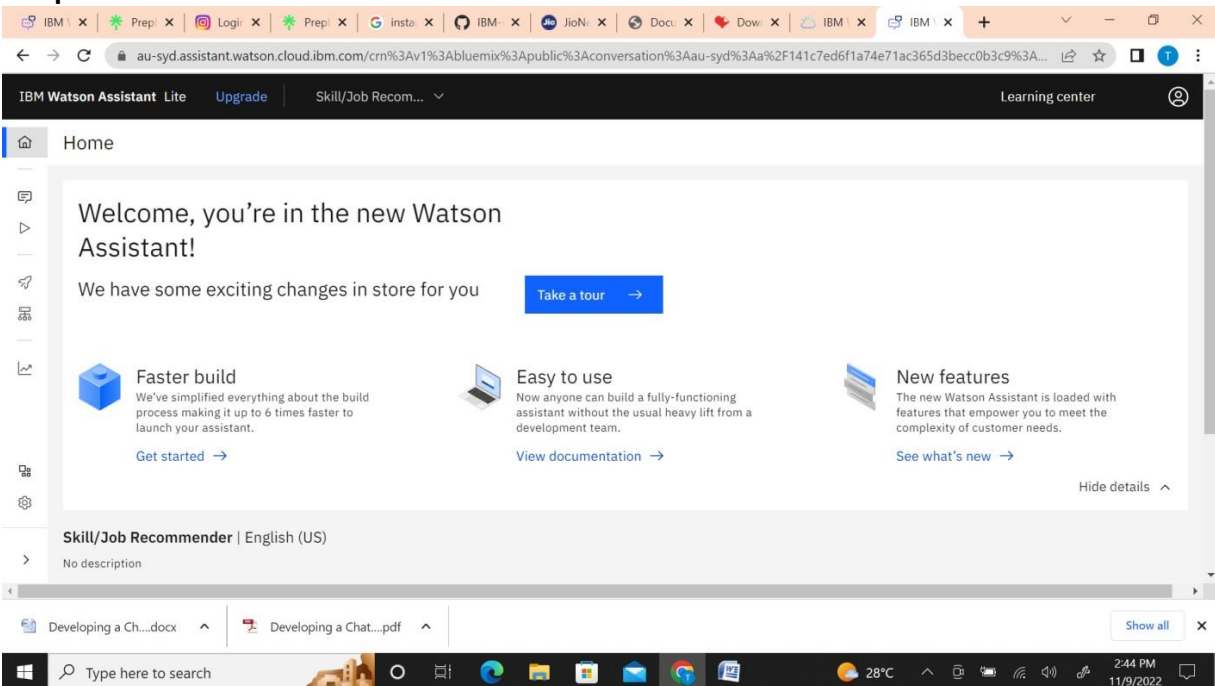
The screenshot shows the IBM Cloud dashboard. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Thaslima Banu S's Acc...). The main content area is titled 'Dashboard' and features a 'For you' section with several cards: 'Build' (Explore IBM Cloud with this selection of easy starter tutorials and services), 'Get Started with Watson Studio' (Get started with using AI and Cloud Object Storage in 15 minutes), 'Build a web app with Watson Speech to Text' (Deploy a conversational interface compatible with any application, device, or channel), 'Explore IBM Cloud Shell' (Try a command-driven approach for creating, developing, and deploying a web project), and 'Get started with Watson Discovery' (Get up to speed on Watson Discovery with step-by-step tutorials, deep-dive videos, and complete examples of working code). Below these cards are sections for 'User access', 'Manage users', 'News' (All About IBM Storage's Price and Supply Guarantee), and 'Planned maintenance'.

Step 2: Search Watson Assistant

The screenshot shows the IBM Cloud catalog page for Watson Assistant. The page title is 'Watson Assistant' with a subtitle 'Watson Assistant lets you build conversational interfaces into any application, device, or channel.' The 'Create' tab is selected, showing a form to 'Select a location' (Sydney (au-syd)) and 'Select a pricing plan'. A table lists the available plans:

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

The 'Summary' panel on the right shows the service details: 'Watson Assistant' (Free), 'Location: Sydney', 'Plan: Lite', 'Service name: Watson Assistant-83', and 'Resource group: Default'. There is a checkbox for 'I have read and agree to the following license agreements:' with a link to 'Terms'. The 'Create' button is visible at the bottom of the form.

Step 3: Then Select the Launch Watson Assistant**Step 4: Then Get Started**

Step 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

Info: 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](#)

Search New action +

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

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

Type here to search 28°C 2:45 PM 11/9/2022

Step 6: Then End the Action.

The screenshot shows the IBM Watson Assistant interface. The top navigation bar includes 'IBM Watson Assistant Lite', 'Upgrade', 'Skill/Job Recom...', and 'Learning center'. The main area displays a conversation flow. On the left, a 'Conversation steps' panel shows a list of steps. Step 1 is highlighted, with a 'Continue to next step' button. Step 2 is also visible, with a 'Continue to next step' button. The main area shows the 'Assistant says' section with a text input field containing 'Hi! How can I help you in finding you a job?'. Below this, a 'User enters free text' button is visible. The 'And then' section shows a 'Continue to next step' button. A 'Preview' button is located at the bottom right of the main area.

Step 7: Embed the code.

The screenshot shows the IBM Watson Assistant interface. The top navigation bar includes 'IBM Watson Assistant Lite', 'Upgrade', 'Skill/Job Recom...', and 'Learning center'. The main area displays a 'Web chat' section with a 'Draft' button. Below this, a 'Launcher' section shows a list of tabs: 'Launcher', 'Home screen', 'Live agent', 'Suggestions', 'Security', and 'Embed'. The 'Embed' tab is selected, showing a code editor with the following code:

```
</> Embed on your website
Ready to launch? It's as easy as copy and paste. Learn more

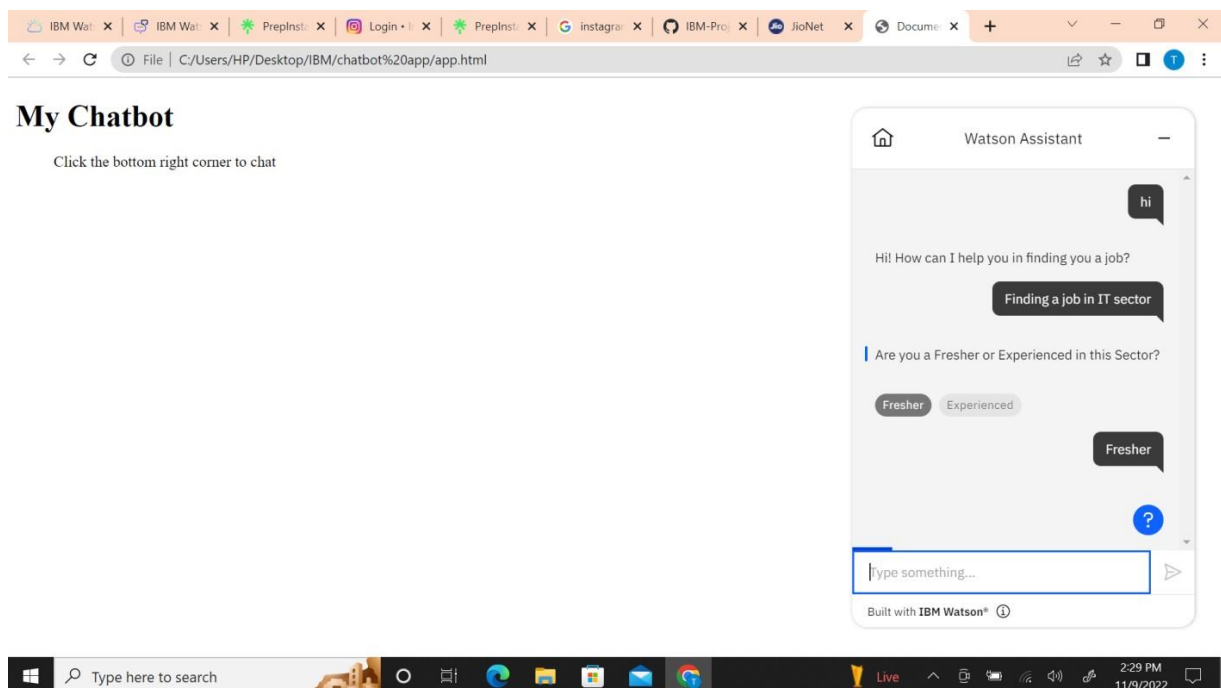
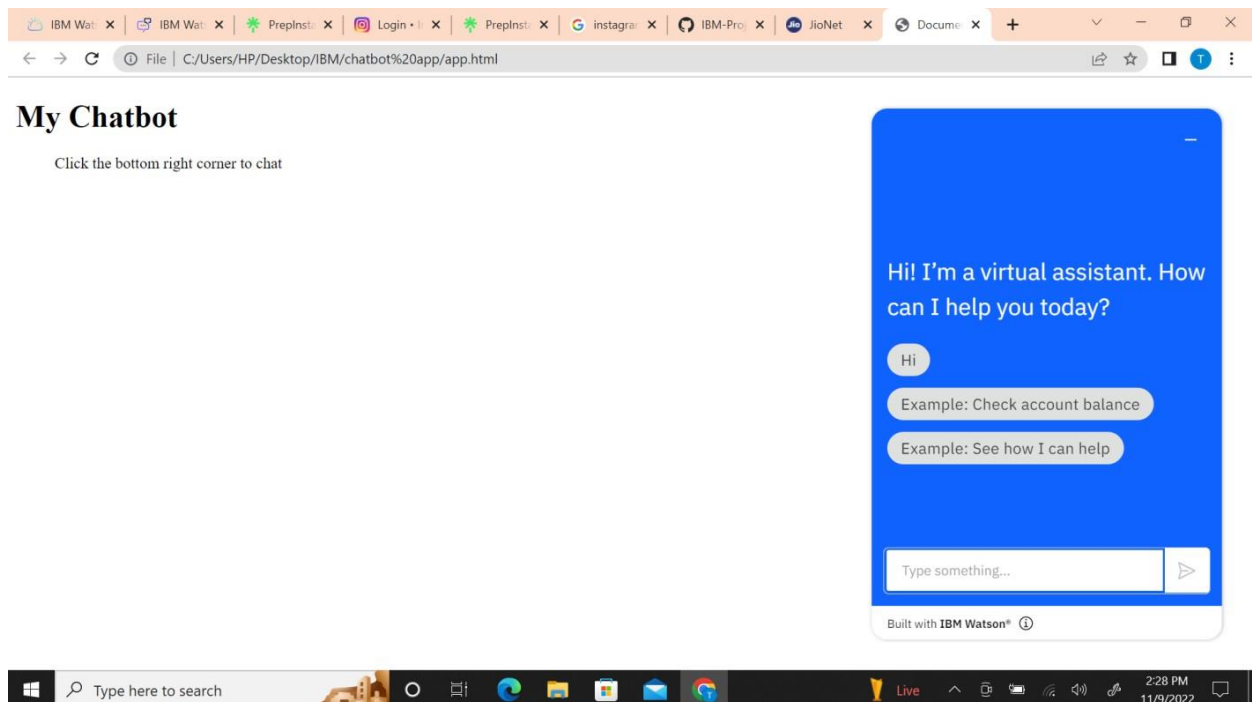
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // The ID of your service instance.
    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.integrationID);
    document.head.appendChild(t);
  });
</script>
```

A 'Show more' button is located at the bottom right of the code editor.

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



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

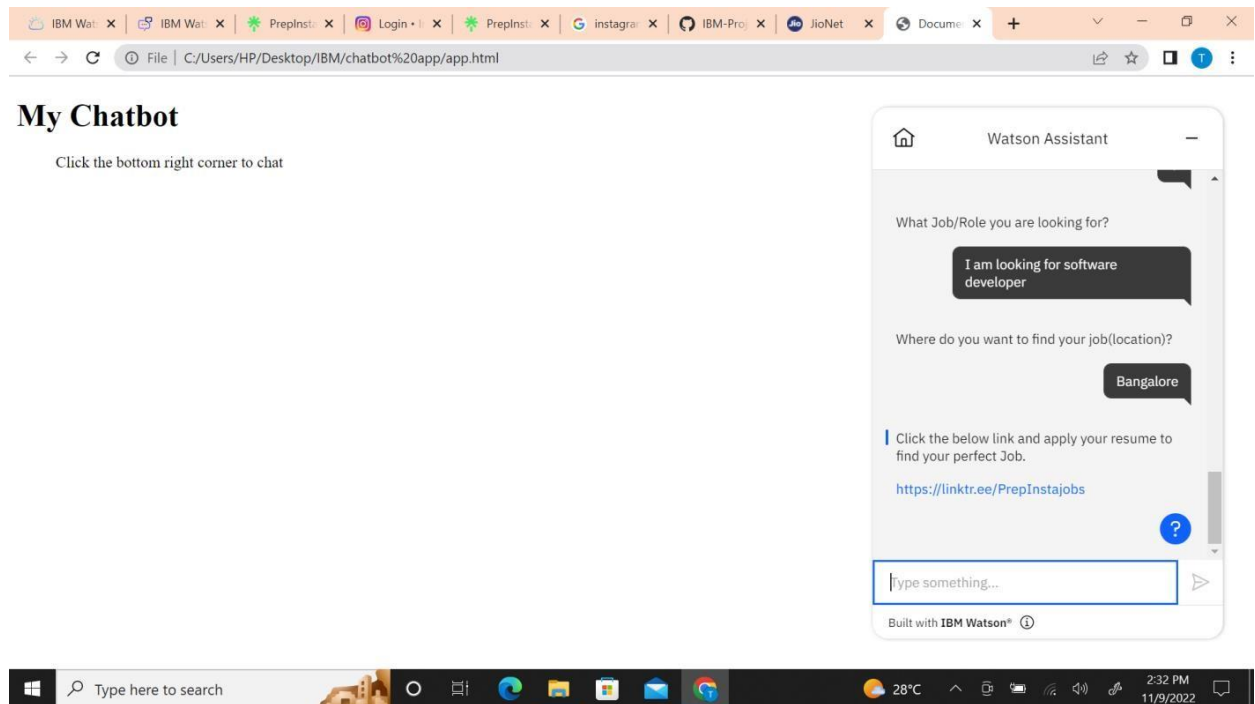
Fresher Experienced

Experienced

Type something...

Built with IBM Watson®

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The Chatbot is created and integrated successfully.