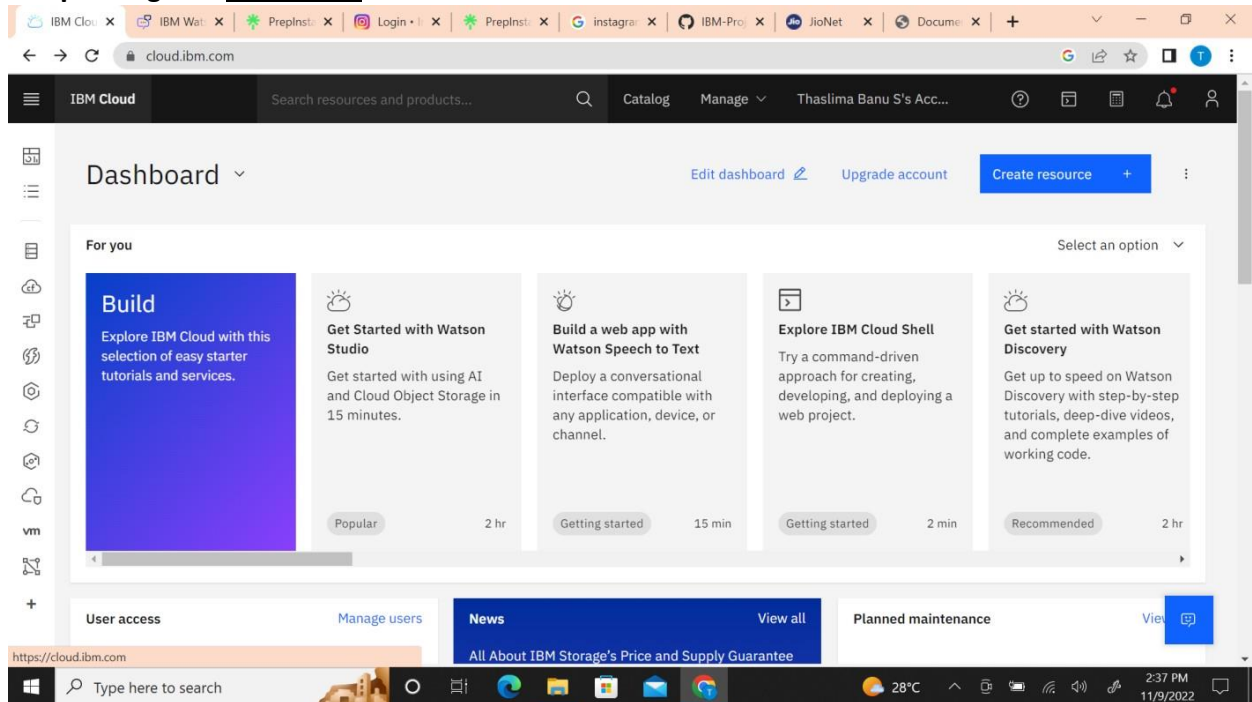


DEVELOPING A CHATBOT

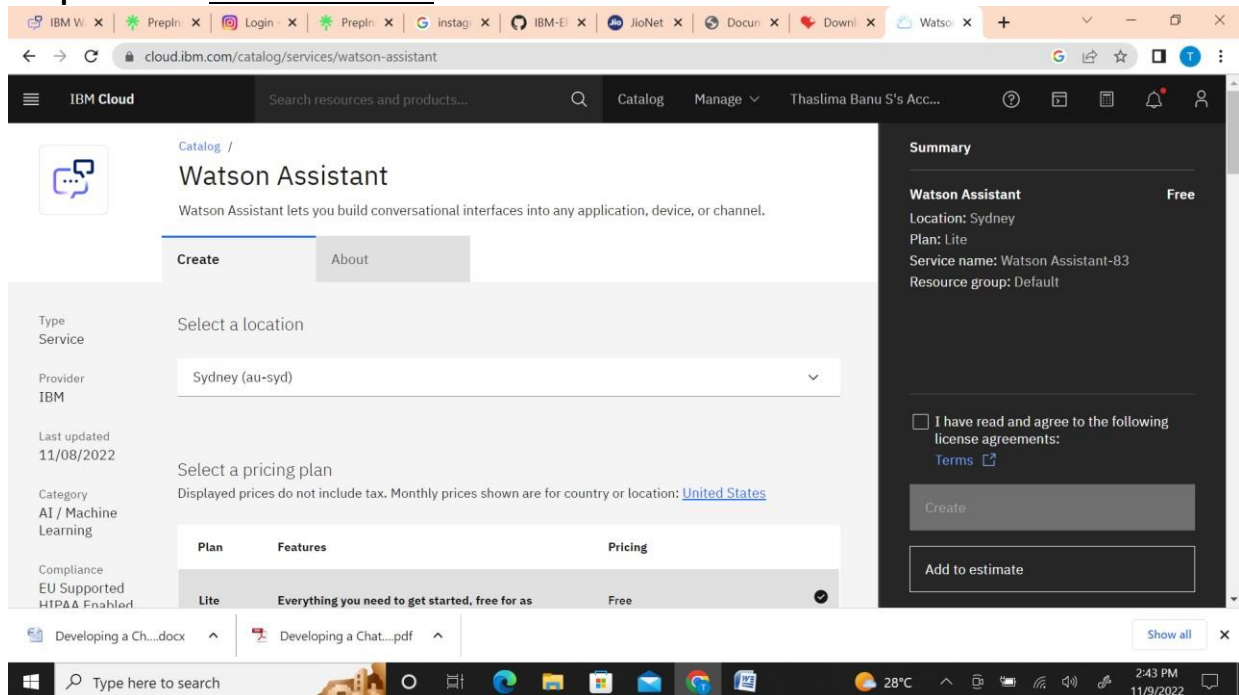
Date	9 November 2022
Team ID	PNT2022TMID07223
Project Name	Skills/ Job Recommender Application

Build the Chatbot

Step 1: Login to IBM Cloud



Step 2: Search Watson Assistant



Step 3: Then Select the Launch Watson Assistant

The screenshot shows the IBM Cloud Watson Assistant console. 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 'Watson Assistant-a1' and shows it is 'Active'. A sidebar on the left has a 'Manage' section with links to 'Service credentials', 'Plan', and 'Connections'. The main area has a 'Start by launching the tool' section with a prominent blue 'Launch Watson Assistant' button, a 'Getting started tutorial' link, and an 'API reference' link. To the right is a 'Plan' section showing 'Lite' and an 'Upgrade' button. Below the launch section is a 'Credentials' section with a 'Download' link and a 'Show credentials' link. The 'API key' is displayed as a series of dots, and the 'URL' is 'https://api.au-syd.assistant.watson.cloud.ibm.com/'. The bottom of the screen shows a Windows taskbar with the search bar and various application icons.

Step 4: Then Get Started

The screenshot shows the IBM Watson Assistant 'Welcome' page. The top navigation bar includes the IBM Watson Assistant logo, an 'Upgrade' button, a 'Skill/Job Recomm...' link, and a 'Learning center' link. The main content area is titled 'Welcome, you're in the new Watson Assistant!' and includes a 'Take a tour' button. Below this are three sections: '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), and 'New features' (The new Watson Assistant is loaded with features that empower you to meet the complexity of customer needs. See what's new). A 'Hide details' link is at the bottom right of these sections. The bottom of the screen shows a Windows taskbar with the search bar and various application icons.

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

The screenshot displays the IBM Watson Assistant interface, specifically the 'Actions' section. The left sidebar shows a navigation menu with 'Actions' selected. The main content area features a table of actions. A blue informational box at the top explains that actions are core to the build process. The table lists one action named 'Hi', which was last edited 25 minutes ago and has 1 example. A 'New action' button is located in the top right corner of the table. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 2:45 PM on 11/9/2022.

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

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 is titled 'Hi'. On the left, a 'Conversation steps' panel shows a sequence of steps: Step 1 (Hi! How can I help you in finding you a job?), Step 2 (Are you a Fresher or Experienced in this Sector?), and Step 3 (What is your Specialization?). The right pane 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' message is shown. The 'And then' section at the bottom has a 'Continue to next step' button. A 'Preview' button is also visible.

Step 7: Embed the code.

The screenshot shows the IBM Watson Assistant interface with the 'Embed' tab selected. The top navigation bar is the same as in Step 6. The main area is titled 'Web chat Draft'. Below the title, there are tabs for 'Launcher', 'Home screen', 'Live agent', 'Suggestions', 'Security', and 'Embed'. The 'Embed' tab is active, showing a code block with the following JavaScript code:

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

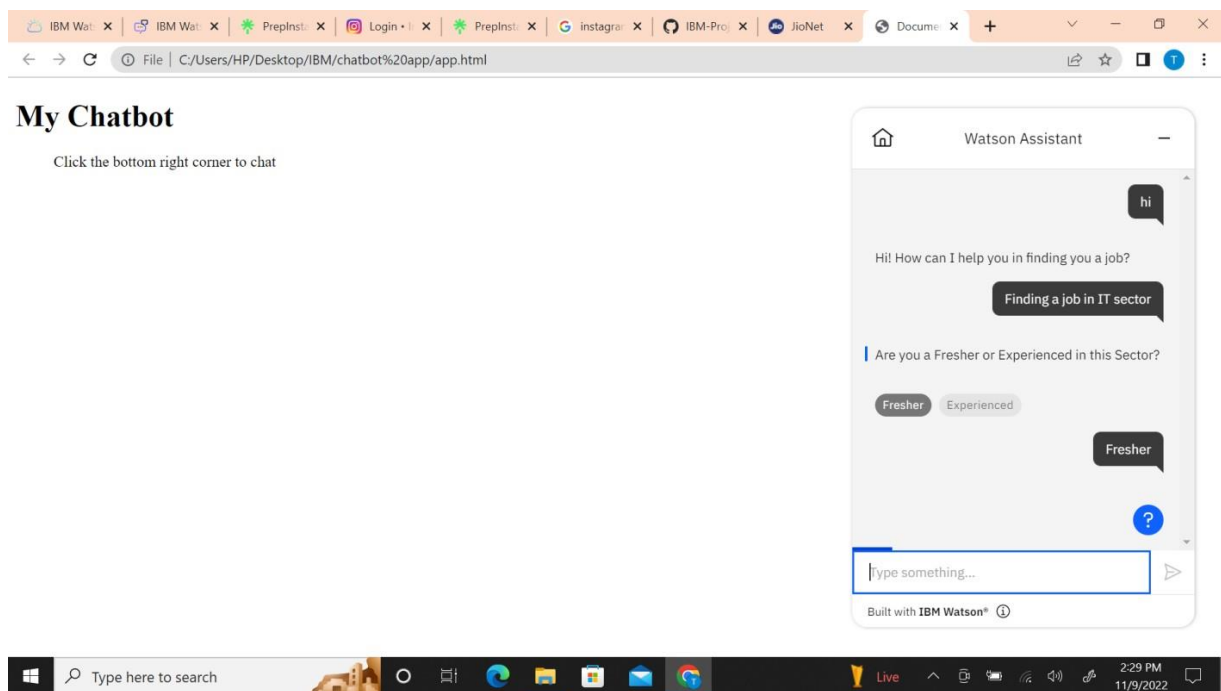
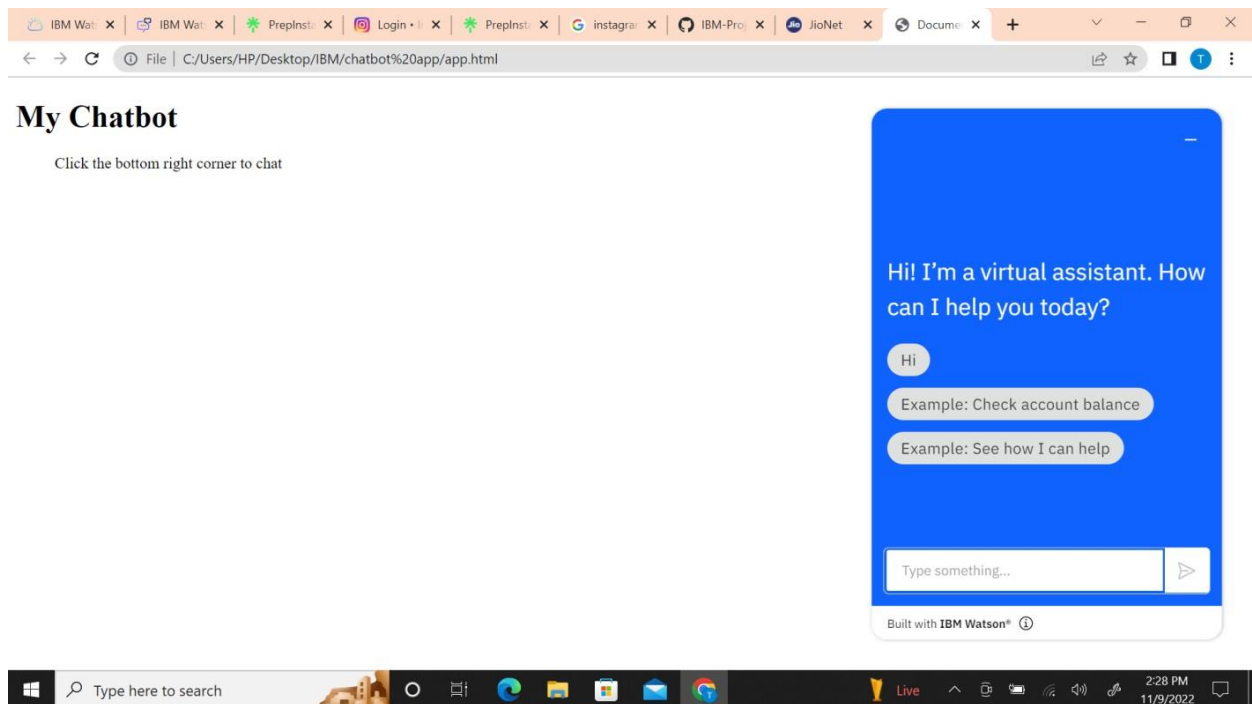
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // The ID of your service instance.
    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' link is visible at the bottom right of the code block.

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®

28°C 2:30 PM 11/9/2022

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

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?

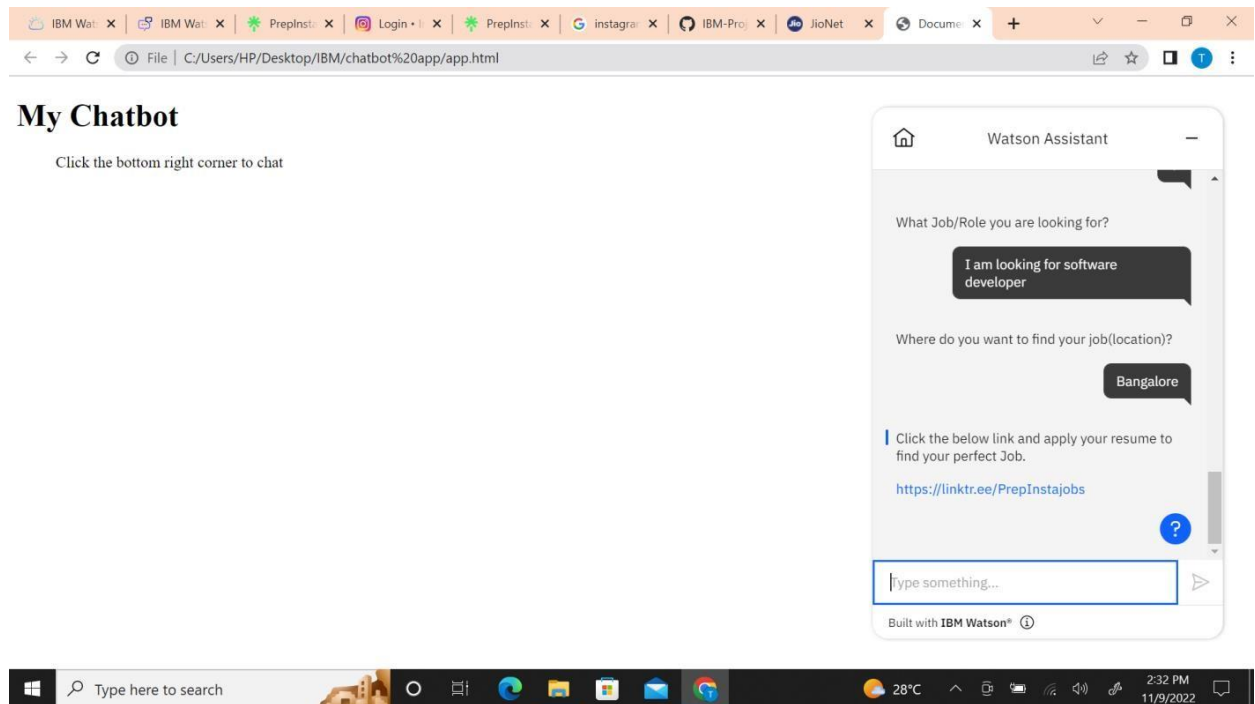
Fresher Experienced

Experienced

Type something...

Built with IBM Watson®

28°C 2:31 PM 11/9/2022



The Chatbot is created and integrated successfully.