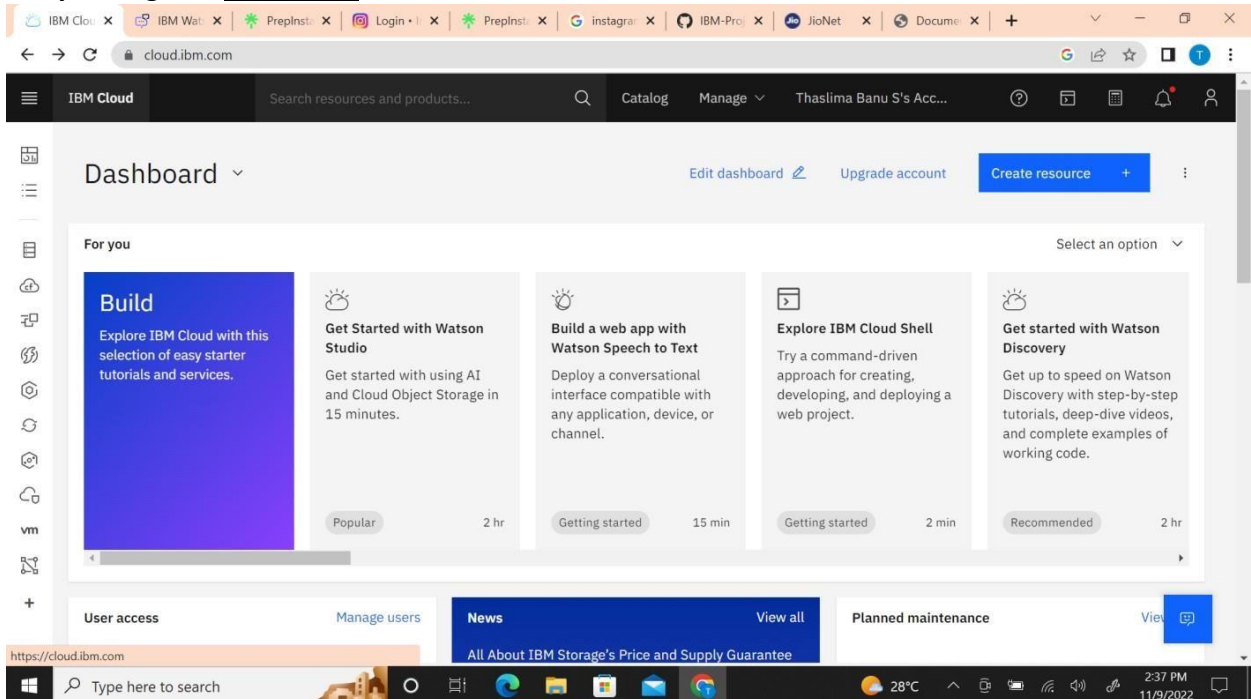


## DEVELOPING A CHATBOT

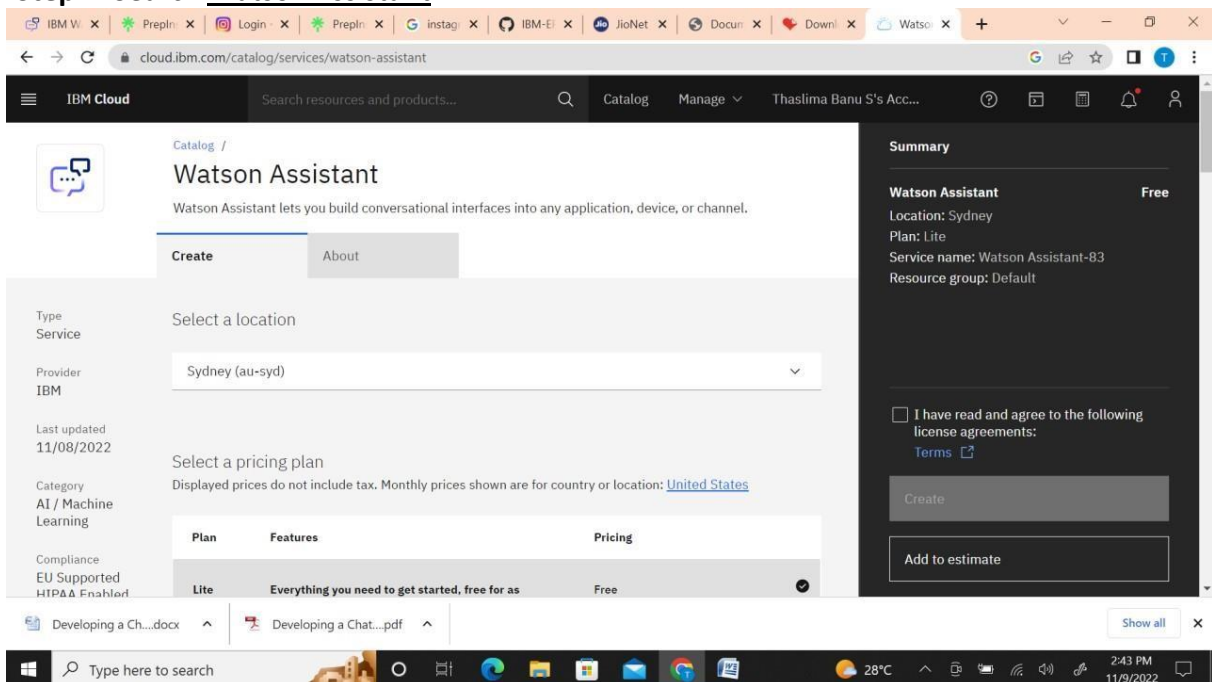
Date	9 November 2022
Team ID	PNT2022MID09697
Project Name	Skills/ Job Recommender Application

### 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' tab with options for 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 this is a 'Credentials' section with a 'Download' link and a 'Show credentials' link. The 'API key' field is filled with a masked string, and the 'URL' field contains '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, and a 'Skill/Job Recomm...' dropdown. The main content area is titled 'Welcome, you're in the new Watson Assistant!' and features a 'Take a tour' button. Below this are three sections: 'Faster build' (simplified build process), 'Easy to use' (anyone can build a fully-functioning assistant), and 'New features' (new features that empower you to meet the complexity of customer needs). Each section has a 'Get started', 'View documentation', or 'See what's new' link. At the bottom, there is a 'Skill/Job Recommender' section with a language dropdown set to 'English (US)' and a 'No description' field. 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.

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

### Actions

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	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. On the left, the 'Conversation steps' panel lists three steps: 1. 'Hi! How can I help you in finding you a job?' with a 'Free text' input type; 2. 'Are you a Fresher or Experienced in this Sector?' with 'Fresher' and 'Experienced' buttons; and 3. 'What is your Specialization?' with a 'Fresher' button. The main workspace shows 'Step 1 is taken' with 'without conditions' as the trigger. The 'Assistant says' section contains the text 'Hi! How can I help you in finding you a job?'. Below this, a 'User enters free text' placeholder is shown. The 'And then' section has a 'Continue to next step' action. A 'Preview' button is visible on the right.

**Step 7: Embed the code.**

The screenshot shows the 'Embed' tab in the IBM Watson Assistant interface. It displays a code block for embedding the chat on a website. The code is as follows:

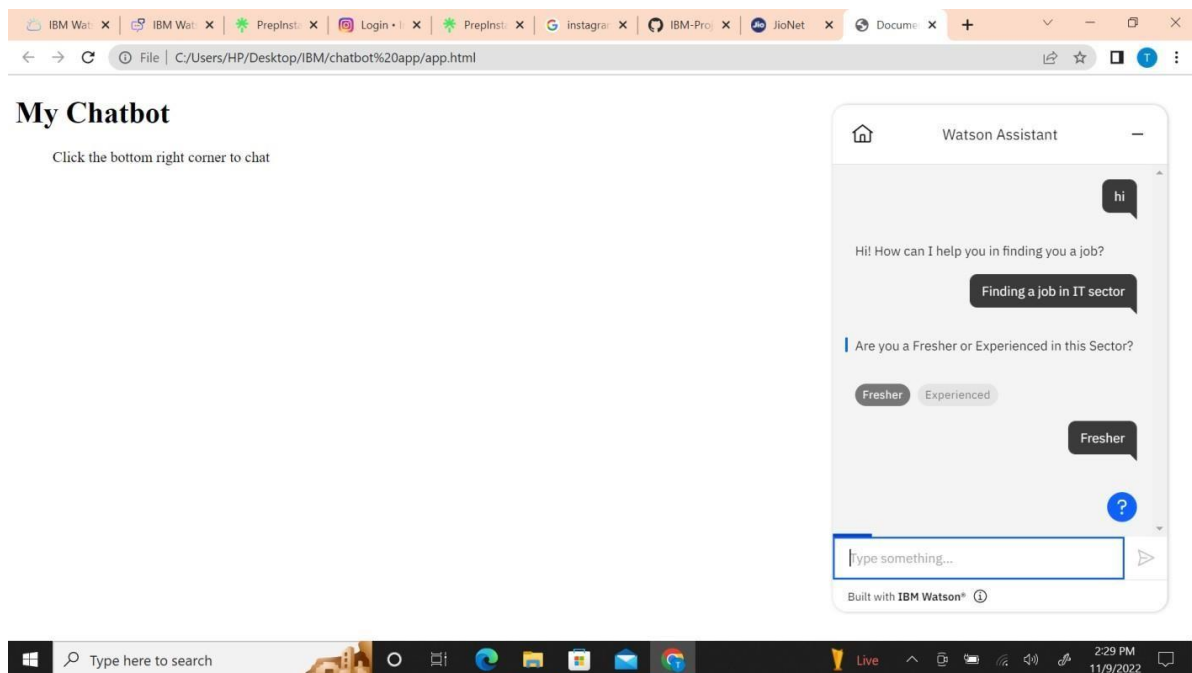
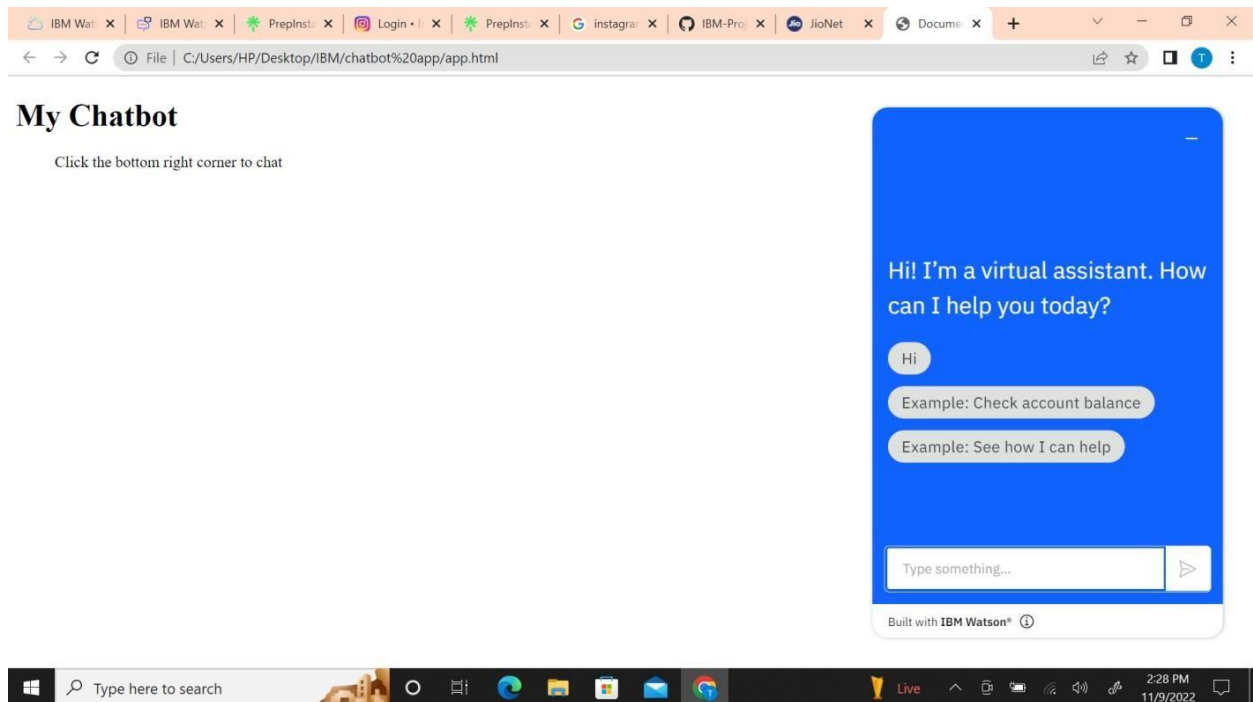
```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // The ID of your service instance.
  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 'Web chat' tab, a 'Draft' status, and buttons for 'Close' and 'Save and exit'.

**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®

Windows taskbar: Type here to search, 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?

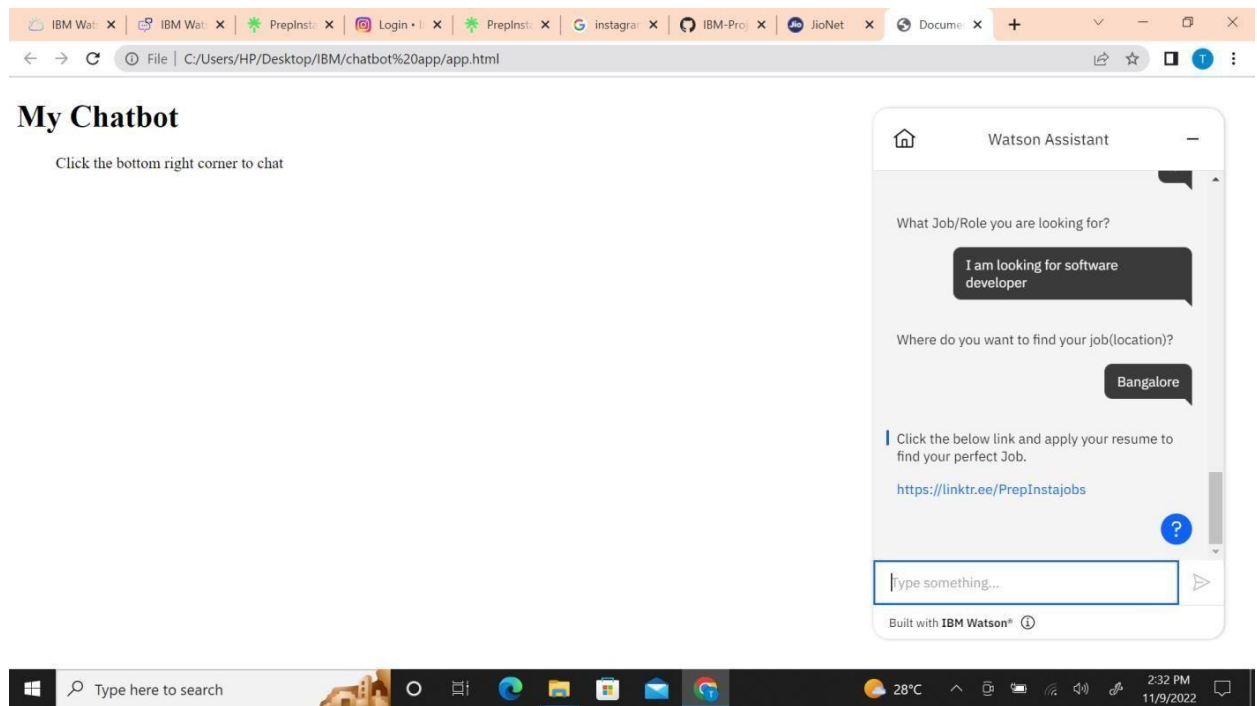
Fresher Experienced

Experienced

Type something...

Built with IBM Watson®

Windows taskbar: Type here to search, 28°C, 2:31 PM 11/9/2022



The Chatbot is created and integrated successfully.