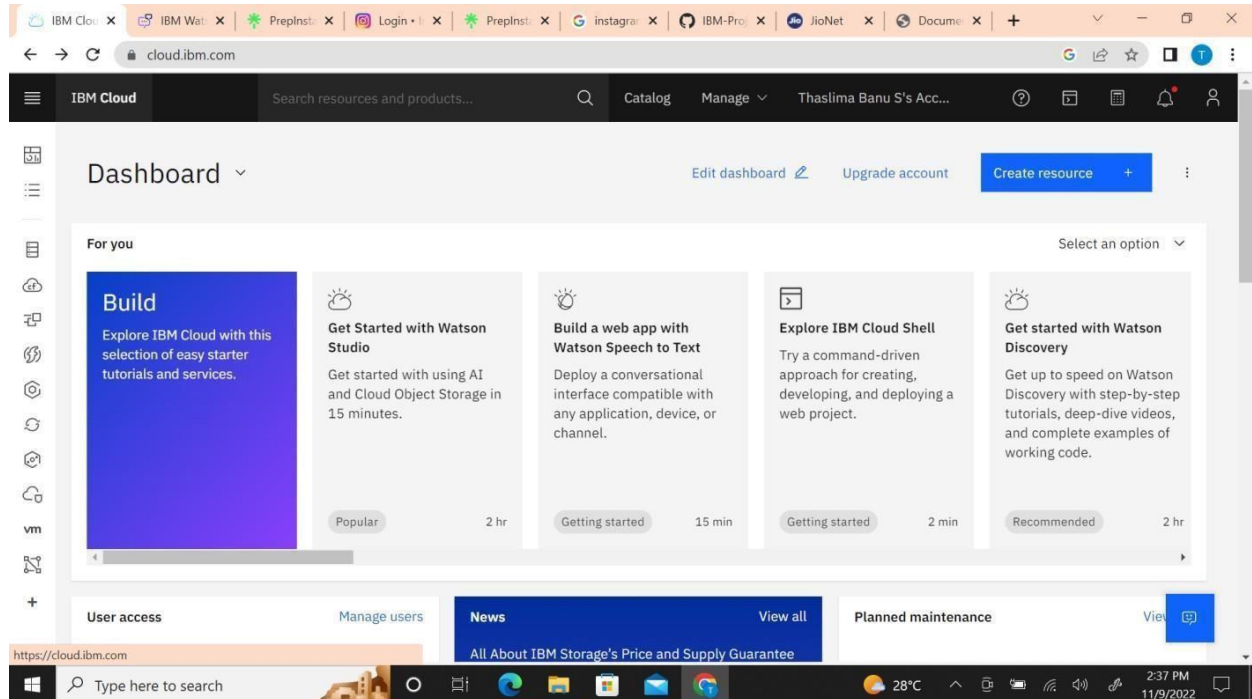
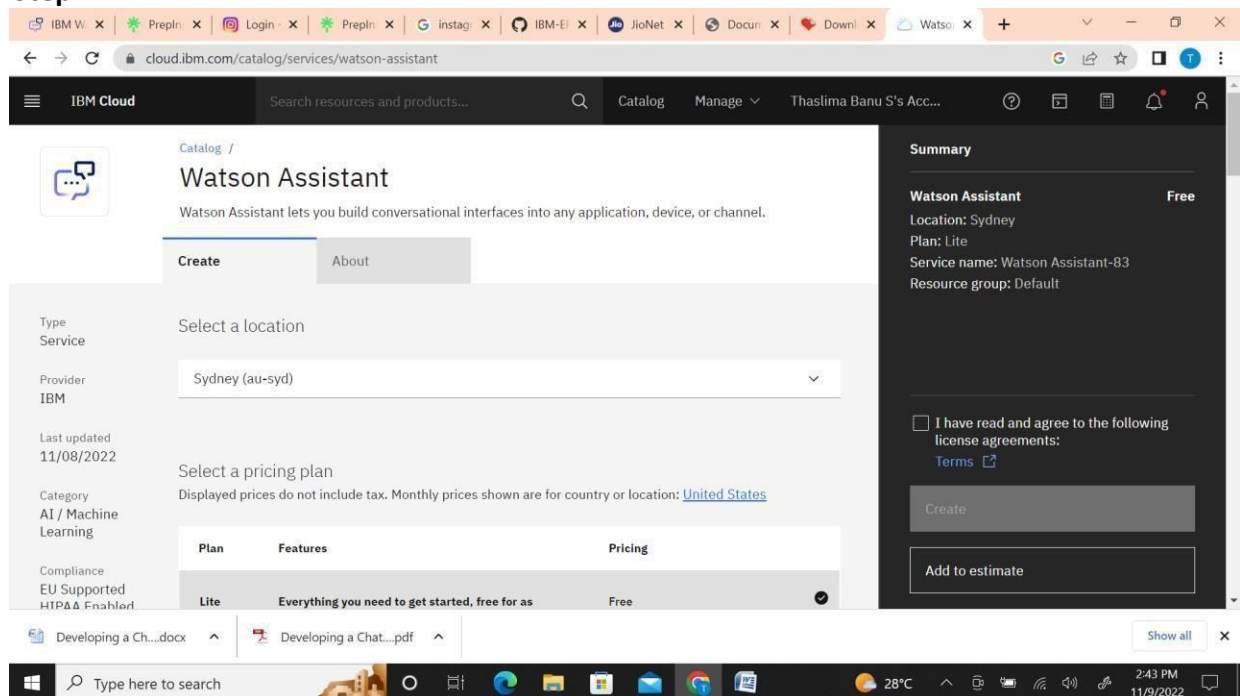


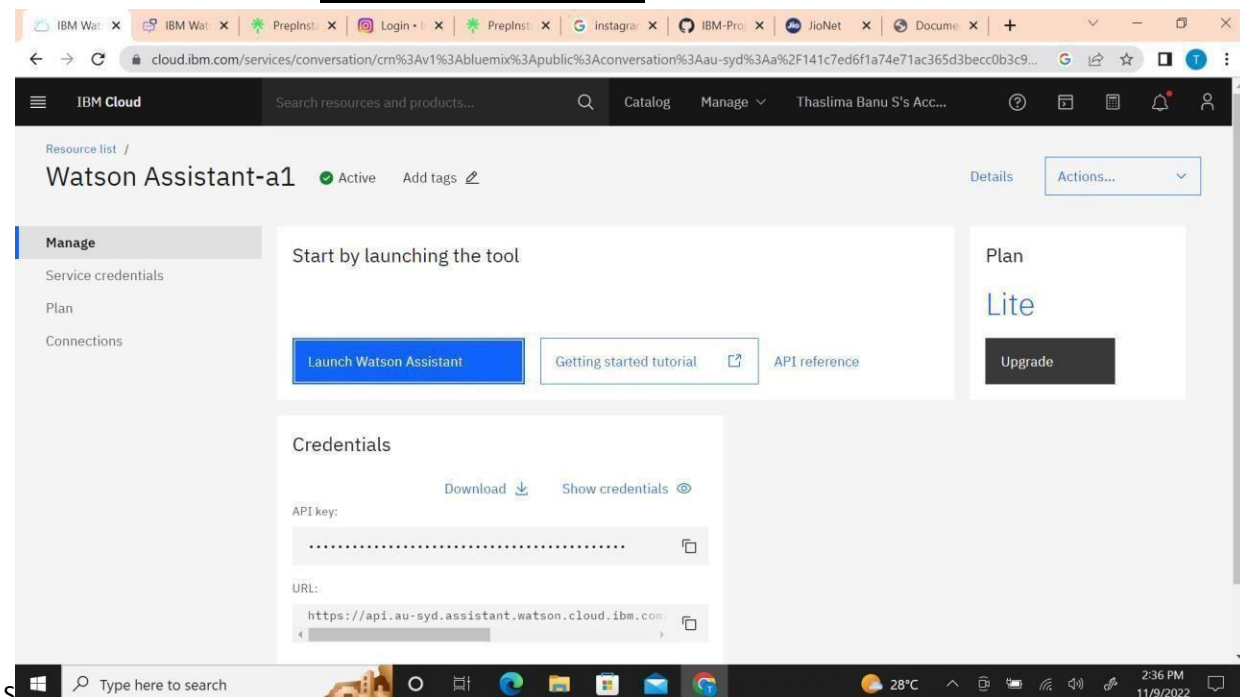
DEVELOPING A CHATBOT

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 account (Thaslima Banu S's Acc...). The main content area is titled "Watson Assistant" and describes it as a tool to build conversational interfaces. It features a "Create" tab and an "About" tab. On the left, a sidebar lists details: Type (Service), Provider (IBM), Last updated (11/08/2022), Category (AI / Machine Learning), and Compliance (EU Supported, HIPAA Enabled). The main section prompts the user to "Select a location" (Sydney (au-syd)) and "Select a pricing plan". A table shows the "Lite" plan as "Free". On the right, a "Summary" panel lists: Watson Assistant (Free), Location: Sydney, Plan: Lite, Service name: Watson Assistant-83, and Resource group: Default. It also includes a checkbox for license agreements and "Create" and "Add to estimate" buttons. The Windows taskbar at the bottom shows the time as 2:43 PM on 11/9/2022.

3: Then Select the Launch Watson Assistant

The screenshot shows the IBM Cloud Watson Assistant management page for a resource named "Watson Assistant-a1". The browser address bar displays `cloud.ibm.com/services/conversation/cm%3Av1%3Abluemix%3Apublic%3Aconversation%3AAu-syd%3Aa%2F141c7ed6f1a74e71ac365d3becc0b3c9...`. The page header is consistent with the previous screenshot. The left sidebar has a "Manage" tab selected, with sub-links for Service credentials, Plan, and Connections. The main content area is titled "Start by launching the tool" and includes a prominent blue "Launch Watson Assistant" button, along with links for "Getting started tutorial" and "API reference". A "Plan" panel on the right shows the "Lite" plan with an "Upgrade" button. Below, a "Credentials" section displays the API key and URL. The Windows taskbar at the bottom shows the time as 2:36 PM on 11/9/2022.

Step 4: Then Get Started

Step

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](#)

Skill/Job Recommender | English (US)
No description

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

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](#)

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

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 contains the text 'Hi! How can I help you in finding you a job?'. Below this, there are buttons for 'Fresher' and 'Experienced'. Step 2 is also highlighted and contains the text 'Are you a Fresher or Experienced in this Sector?'. Below this, there are buttons for 'Fresher' and 'Experienced'. Step 3 is highlighted and contains the text 'What is your Specialization?'. On the right, the 'Assistant says' panel shows the text 'Hi! How can I help you in finding you a job?'. Below this, there is a 'User enters free text' button. The 'And then' panel shows the text 'Continue to next step'. The interface includes a top navigation bar with 'IBM Watson Assistant Lite', 'Upgrade', 'Skill/Job Recom...', and 'Learning center'. The bottom status bar shows the time as 2:46 PM on 11/9/2022.

Step 7: Embed the code.

The screenshot shows the IBM Watson Assistant interface with the 'Embed' tab selected. The 'Web chat' section is in 'Draft' mode. The 'Embed' tab is active, showing a code block for embedding the chat on a website. The code is as follows:

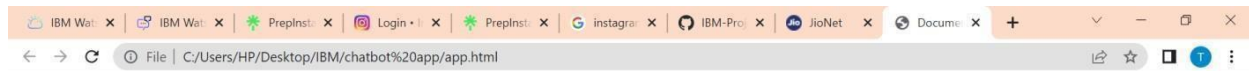
```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // The ID of your service instance.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

The interface includes a top navigation bar with 'IBM Watson Assistant Lite', 'Upgrade', 'Skill/Job Recom...', and 'Learning center'. The bottom status bar shows the time as 2:35 PM on 11/9/2022.

INTEGRATING CHATBOT TO HTML PAGE

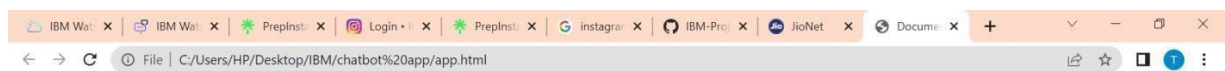
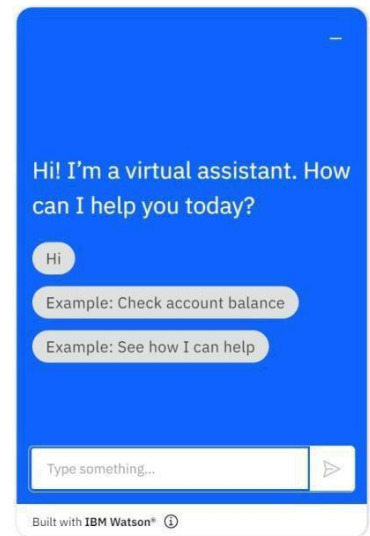
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>My Chatbot</h1>
  <blockquote>Click the bottom right corner 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



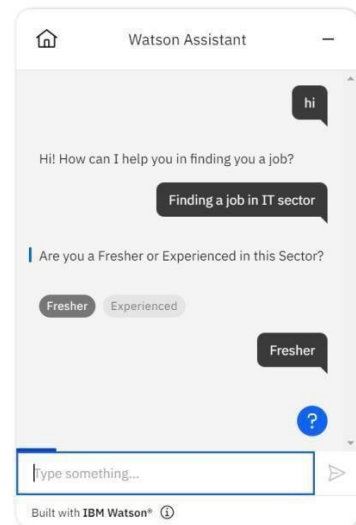
My Chatbot

Click the bottom right corner to chat



My Chatbot

Click the bottom right corner to chat



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®

Type here to search

28°C 2:30 PM 11/9/2022

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

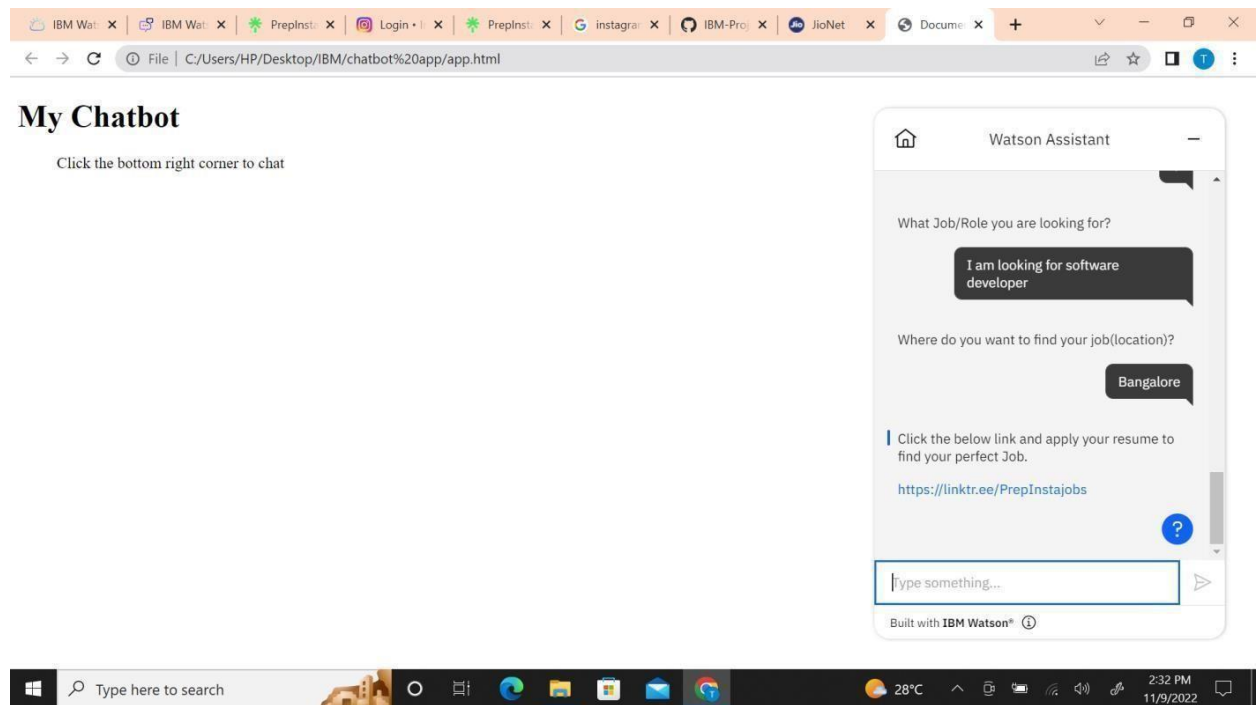
Experienced

Type something,...

Built with IBM Watson®

Type here to search

28°C 2:31 PM 11/9/2022



The Chatbot is created and integrated successfully.