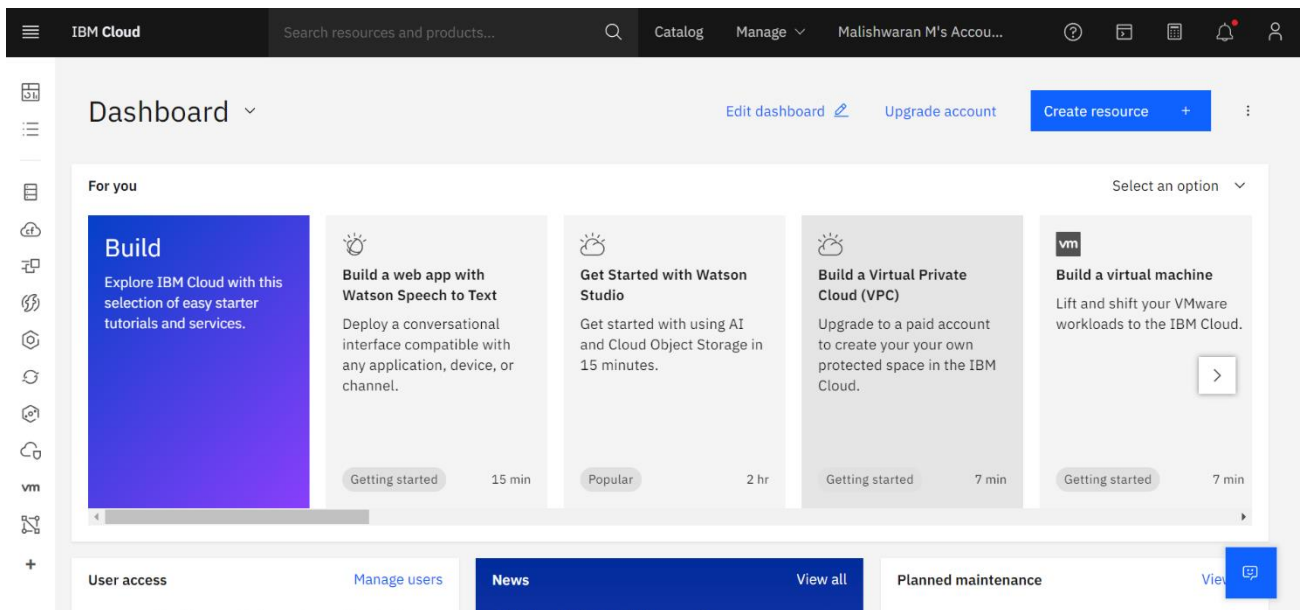
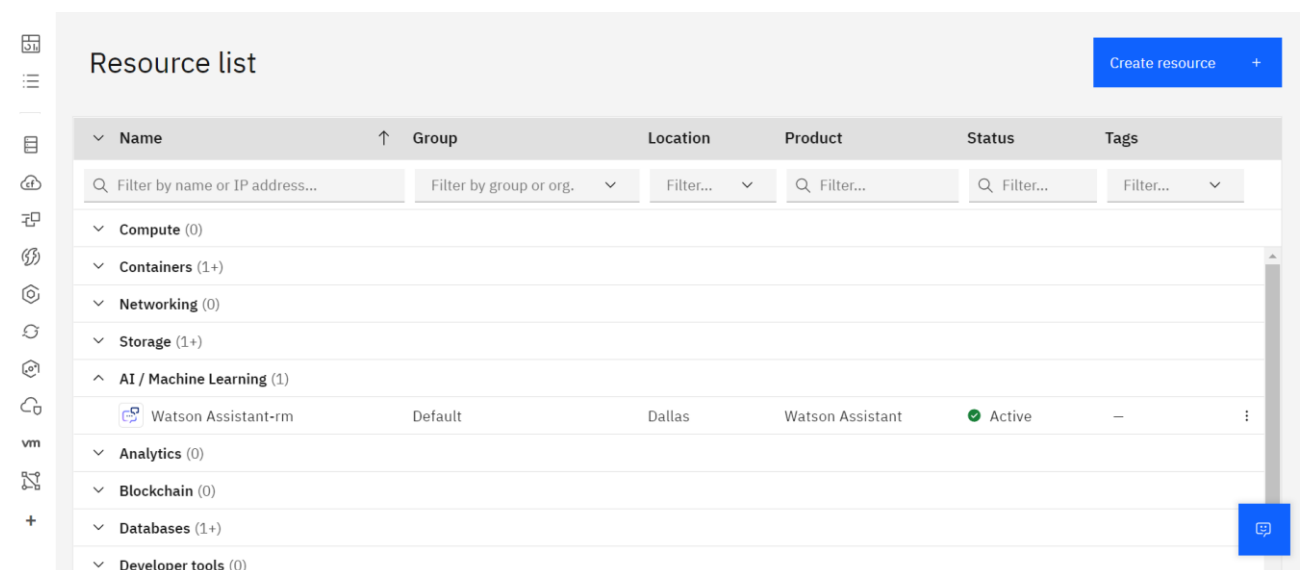


**DEVELOPING A CHATBOT**

Date	07 November 2022
Team ID	PNT2022TMID48457
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 for Catalog, Manage, and the user's account (Malishwaran M's Account). The main content area is titled "Dashboard" and features a "For you" section with five cards: "Build" (purple), "Build a web app with Watson Speech to Text", "Get Started with Watson Studio", "Build a Virtual Private Cloud (VPC)", and "Build a virtual machine". Each card includes a brief description, a "Getting started" button, and a time estimate. The bottom section contains links for "User access", "Manage users", "News", "View all", and "Planned maintenance".

**Step 2: Search Watson Assistant**

The screenshot shows the IBM Cloud Resource list. The top navigation bar includes the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Malishwaran M's Account). The main content area is titled "Resource list" and features a "Create resource" button. Below the title is a table with columns: Name, Group, Location, Product, Status, and Tags. The table lists various resources, including "Watson Assistant-rm" under the "AI / Machine Learning" group. The "Watson Assistant-rm" resource is highlighted, showing its status as "Active".

**Step 3:** Then Select the Launch Watson Assistant

The screenshot shows the 'Watson Assistant-rm' resource page in the IBM Cloud console. The page is titled 'Resource list / Watson Assistant-rm' and includes a status indicator 'Active' and an 'Add tags' link. A sidebar on the left contains a 'Manage' section with links for 'Service credentials', 'Plan', and 'Connections'. The main content area is divided into two sections. The top section, 'Start by launching the tool', features a prominent blue 'Launch Watson Assistant' button, along with links for 'Getting started tutorial' and 'API reference'. The bottom section, 'Credentials', displays the 'API key' and 'URL' fields, both containing masked values and copy icons. A 'Plan' sidebar on the right shows the current plan as 'Lite' with an 'Upgrade' button.

**Step 4:** Then Get Started

The screenshot displays the 'Welcome, you're in the new Watson Assistant!' page. The top navigation bar includes 'IBM Watson Assistant Lite', an 'Upgrade' button, a 'chatbot' dropdown, and links for 'Learning center', a help icon, and a user profile icon. A left sidebar contains a 'Home' link and a list of icons for chatbot management. The main content area features a large welcome message, a 'Take a tour' button, and three feature highlights: 'Faster build' (simplified build process), 'Easy to use' (no heavy lift from development team), and 'New features' (empowered by customer needs). Each highlight includes a 'Get started', 'View documentation', or 'See what's new' link. A 'Hide details' link is located at the bottom right of the main content area. The bottom section shows the 'chatbot | English (US)' configuration with a 'No description' field and a 'Get started' button.

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

The screenshot shows the IBM Watson Assistant interface. The top navigation bar includes 'IBM Watson Assistant Lite', 'Upgrade', 'chatbot', 'Learning center', and user icons. The left sidebar has 'Actions' selected. The main area displays 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 'haii' with a status of 'active' and a count of 1 example. A 'New action' button is visible in the top right of the table area.

Name	Last edited	Examples Count	Status
haii	a month ago	1	active

**Step 6:** Then End the Action.

The screenshot shows the IBM Watson Assistant Skills editor. The top navigation bar includes 'IBM Watson Assistant Lite', 'Upgrade', 'Skill/Job Recom...', and 'Learning center'. The left sidebar shows 'Conversation steps' with three steps. Step 1 is selected and shows a 'Free text' input. Step 2 is a 'Fresher' or 'Experienced' choice. Step 3 is a 'Fresher' choice. The main area shows the 'Assistant says' section with a text input field. The 'And then' section shows a 'Continue to next step' action. A 'Preview' button is in the bottom right.

Customer starts with: Hi

Conversation steps

1. Hi! How can I help you in finding you a job? (Free text)
2. Are you a Fresher or Experienced in this Sector? (Fresher, Experienced)
- 2 is Fresher (What is your Specialization?)

Step 1 is taken without conditions

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

User enters free text

And then: Continue to next step

**Step 7:** Embed the code.

Web chat Draft Close Save and exit

< Launcher Home screen Live agent Suggestions Security **Embed** >

**</> 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 ?
    document.head.appendChild(t);
  });
</script>
```

[Show more](#)

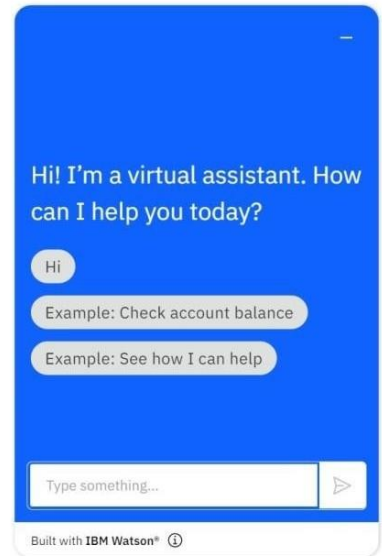
**INTEGRATING CHATBOT TO HTML PAGE**

```
<!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>
  <script>
    window.watsonAssistantChatOptions = {
      integrationID: "c685c522-84a3-48bb-9fca-57b9a3e12905", // The ID of this integration.
      region: "us-east", // The region your integration is hosted in.
      serviceInstanceID: "1b8a0ba9-3af4-460d-9122-e849d725507c", // 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/loadWatsonAssistantChat.js";
      document.head.appendChild(t);
    });
  </script>
</body>
</html>
```

## PREVIEW OF CHATBOT

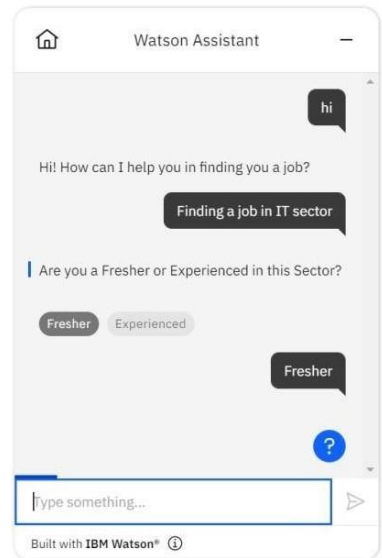
### My Chatbot

Click the bottom right corner to chat



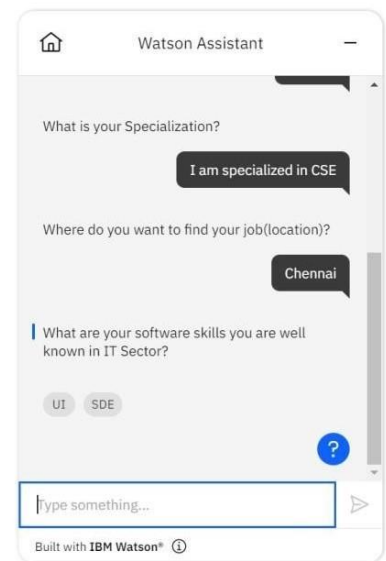
### My Chatbot

Click the bottom right corner to chat



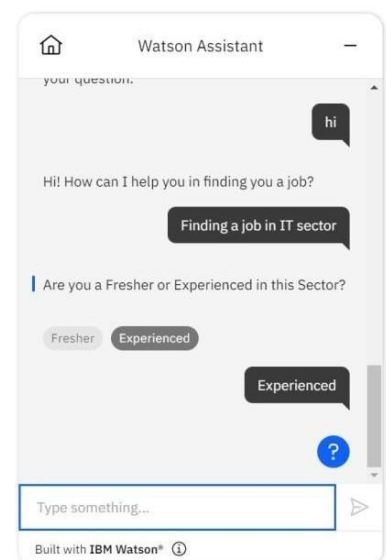
## My Chatbot

Click the bottom right corner to chat



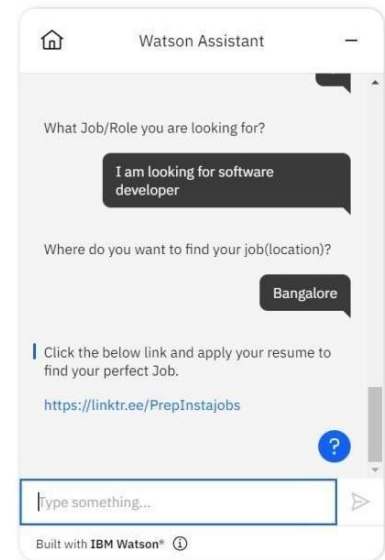
## My Chatbot

Click the bottom right corner to chat



## My Chatbot

Click the bottom right corner to chat



The Chatbot is created and integrated successfully.

