Hands-On Lab: Single Page Portfolio Website



Estimated time: 1 hr

In this project you will be creating a single page Portfolio website using HTML5, CSS & Javascript having the following sections:

- About Me
- Skills
- Projects
- Recommendations

Please use this following image as a point of reference to what the styled page should look like. After completing this Final project, you will be able to build a website having modern day UI & functionality to showcase your portfolio to interested persons/organizations.

> Please ensure that you don't include any personal/sensitive information in the project that is submitted. You may personalize the project at a later point of time at your discretion.
>
> Note: Please make sure you do all the steps in the right sequence. If the steps are not done in sequence, the output may not be as desired.

Jane Doe
jdoe@jeemail.com
+13456764598



Hi, I'm Jane Doe!

I am a full stack developer with 2 years of experi
and presentation layers. I have worked on applica
deployed on IBM Cloud. I am an avid user of IBM V
worked on Watson Assistant, NLU, Sentiment anal

Skills

HTML
2 years experience

JavaScript
1.5 years experience

Java
.5 years experience

React
1 year exp

Node.js
1 years experience

CSS
2 years experience

Projects

Chatbot

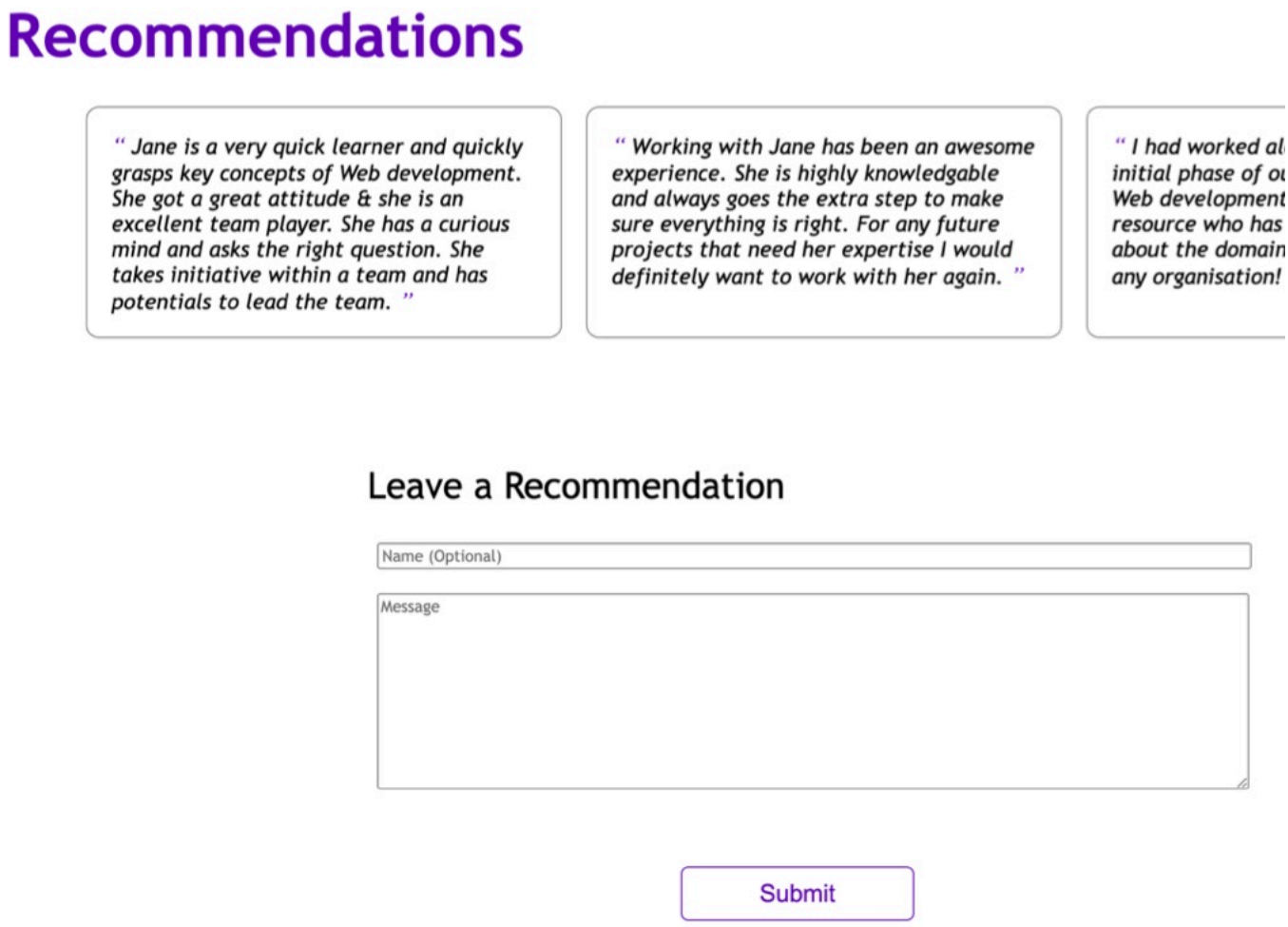
- Developed a secure website integrated with chatbot for an automobile client using HTML, CSS, JavaScript

Sentiment Analyzer

- Developed and deployed a sentiment analyzer for the box reviews section of an eCommerce platform usin

Fashion Website

- Created a styled multi-page website for a new player in the fashion industry and integrated it with a shop payment gateway



Saving Your Progress: How to Download Your Project

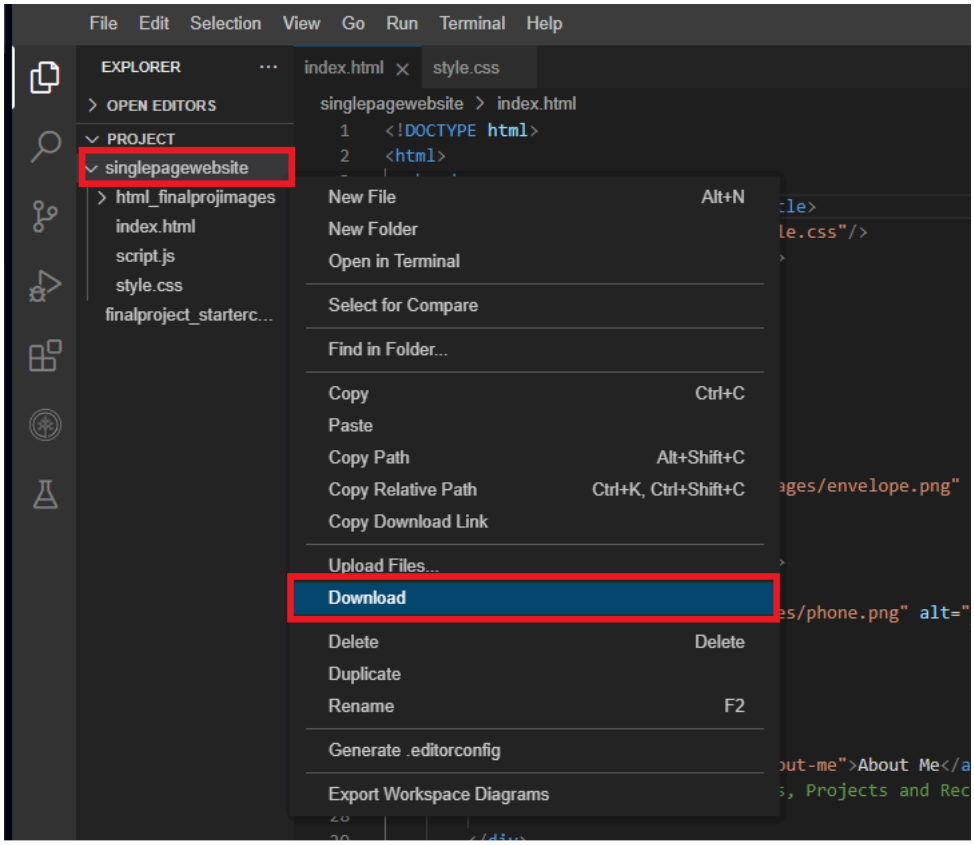
Understand Session-Based Storage: Keep in mind that our lab environments are session-based and do not retain data from previous sessions. Downloading your project ensures that your work is preserved.

Download Your Project: To avoid losing any progress, download your project by following these steps:

- Right-click on the project folder and locate the download button.
- Click the download button to save a copy of your project to your local machine.

Before ending your session, verify that all changes to your project are saved.

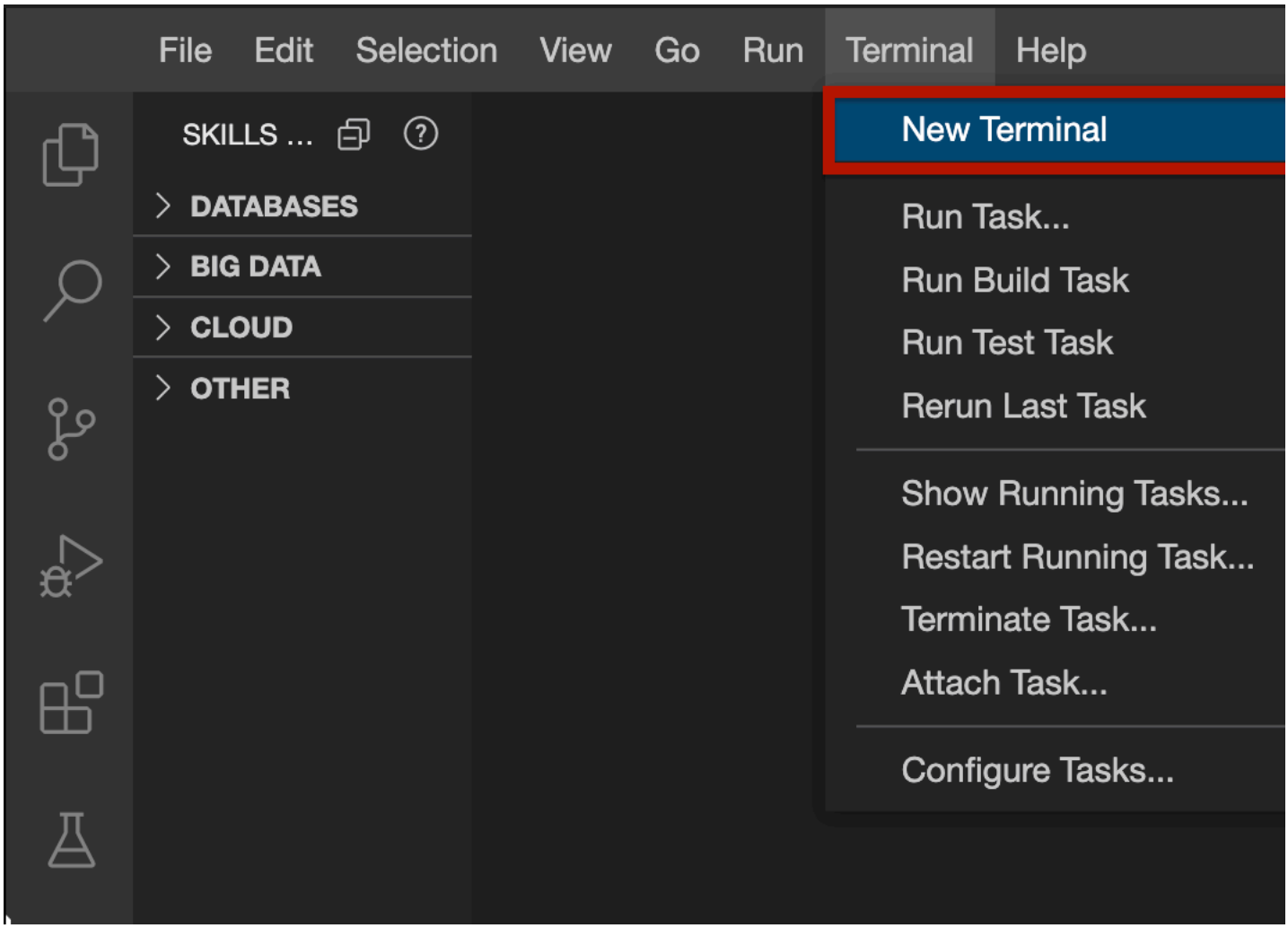
For visual guidance, refer to the attached screenshot below showing the download process.



Prework

Download and setup the project folder

1. Open a new terminal.



2. Download the project folder in compressed/zipped format, using the following command.

```
wget https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDeveloperSkillsNetwork-CD0101EN-SkillsNetwork/labs/Projec
```

3. Unzip the file in the folder named `singlepagewebsite` by running the following command. This command will create a folder named `singlepagewebsite` and add all the unzipped files in it.

```
unzip finalproject_startercode.zip -d singlepagewebsite
```

4. The folder `singlepagewebsite` has the starter code for this project. You have to make changes to this code, as per the tasks listed below and take screenshots where specified and submit those screenshots, to complete the project. Take a look at the code in `index.html`.

5. Test the HTML page with a live server. Use live server to test the output of your tasks as you complete each task.

▼ Click here to view guidance for liver server preview

Right-click the file and click “Open with Live Server” which will show a notification with a port (5500) being available to use. Or click on “Go Live” in the bottom panel to start the same port.

Table of Contents

Portfolio Website

Skills Network

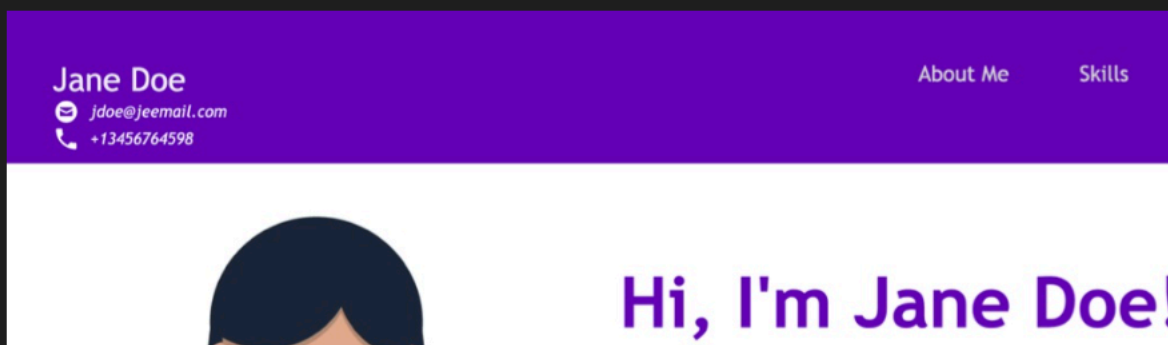
In this project you will be creating a single page Portfolio website using Javascript having the following sections:

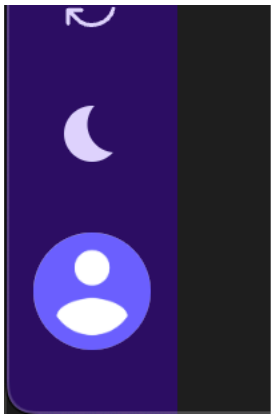
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- Projects
- Recommendations

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Skills

Portfolio Website

Skills Network

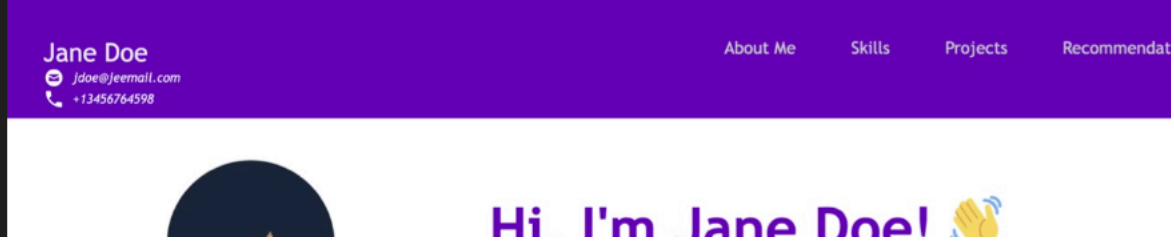
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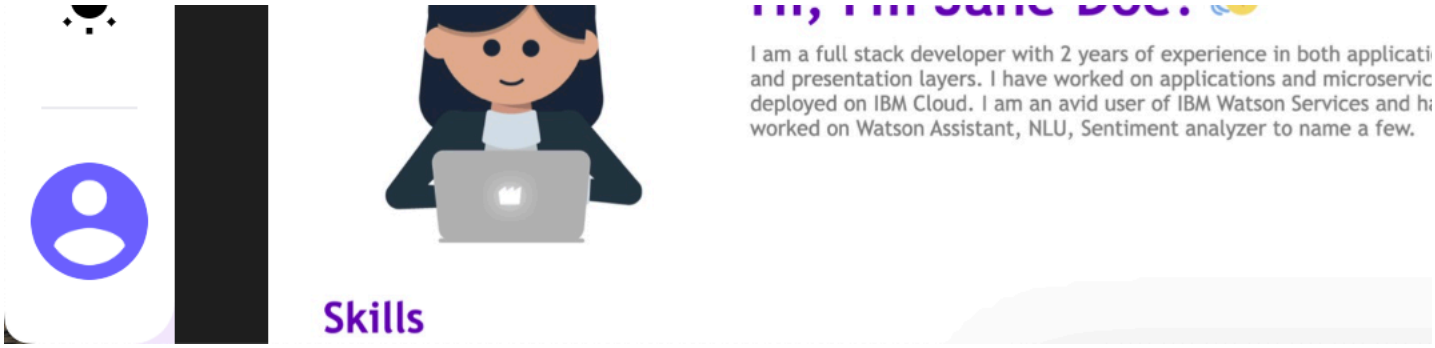
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6. The html page in the starter code provides the following sections in the page.

- About Me
- Skills
- Projects
- Recommendations

▼ Click here to view the segregation of the sections on the basis of the reference page.

Jane Doe
jdoe@jeemail.com
+13456764598



Hi, I'm Jane Doe!

I am a full stack developer with 2 years of expe
and presentation layers. I have worked on appli
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1 years experience

CSS
2 years experience

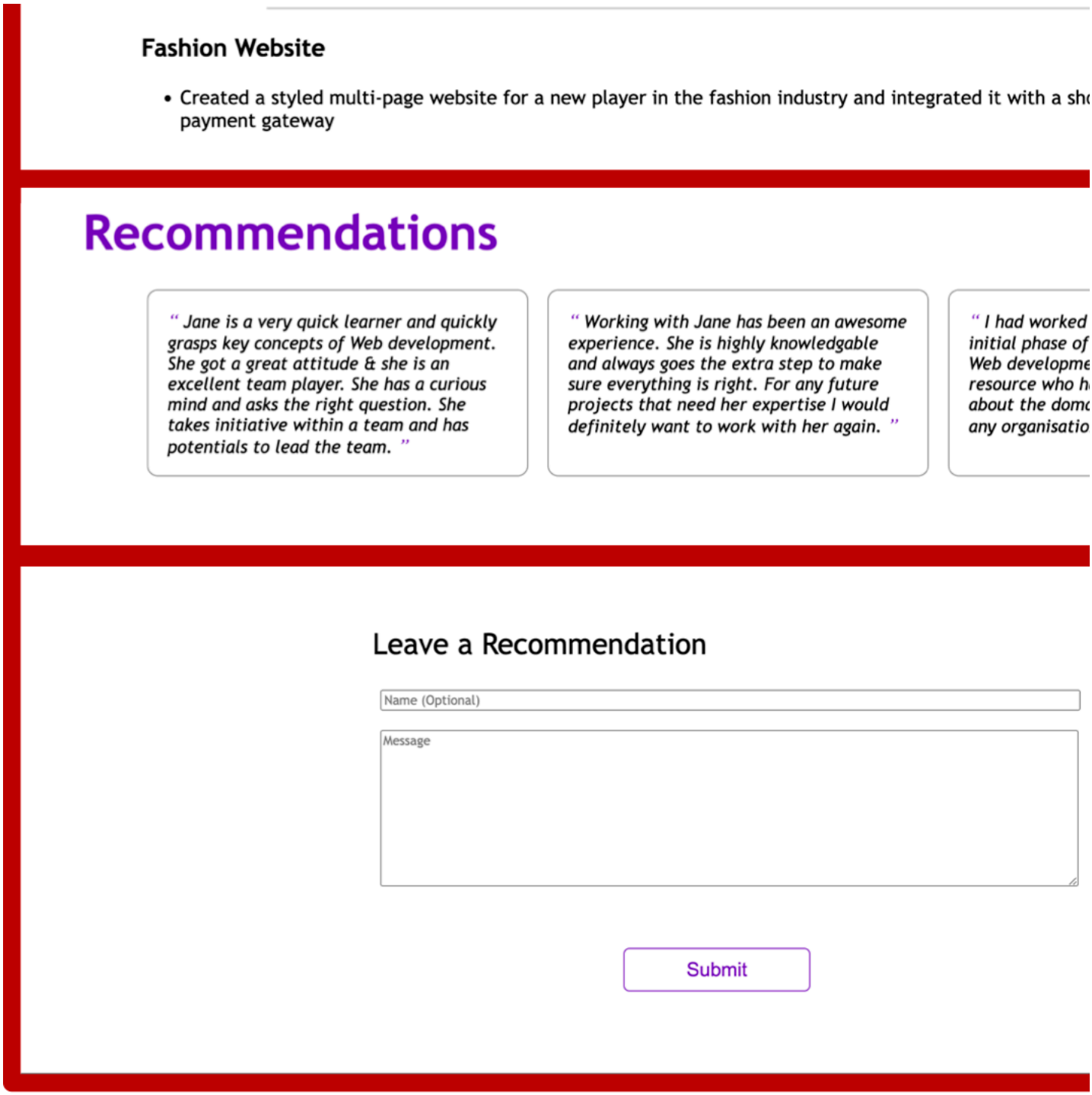
Projects

Chatbot

- Developed a secure website integrated with chatbot for an automobile client using HTML, CSS, JavaScri

Sentiment Analyzer

- Developed and deployed a sentiment analyzer for the box reviews section of an eCommerce platform us



Creating the single page website

Task 1

1. In index.html, replace the name given in the starter code **Jane Doe**, with your name in the Home section. You will see that the class is set to **profile_name** for this div.
2. In style.css, go to the **profile_name** class. The codes for floating to the left and padding, have been provided in the starter code. Add a light colour of your choice and an appropriate font size. The sample page uses 30px.



3. Save and test your web page with live server.
4. Take a screenshot of the home section along with the profile name and save it as `profile_name.png`.

Task 2

1. In the nav bar section, you would notice that the link to the `About Me` section has been given. Add the other 3 sections: Skills, Projects, Recommendations.

2. The codes for this class (ie. `topmenu`) have been given in style.css. The `topmenu:hover` class has a styling to set the color to white. Add the following style attriburtes to `topmenu:hover`.

a. The `font-weight` as **bolder**

b. The `text-decoration` as **underline**



3. Save and test your web page with live server.

4. Take a screenshot of the home section along with the nav bar showing the hover effect as show in the sample image and save it as `nav_bar.png`.

Task 3

1. Modify the **About me** section with your name, a unique profile image (different from what is provided in the sample) and a text summary of yourself.

You may add text about a fictititous person instead of actually providing your personal information.

▼ Click here to learn how to upload an image:

1. Visit Pixabay Image Search.
2. Find the image you want to upload and right-click on it and select the option to copy the image link.
3. Open a new terminal and navigate to the `singlepagewebsite` directory using the following command:

   ```
   cd singlepagewebsite/
   ```

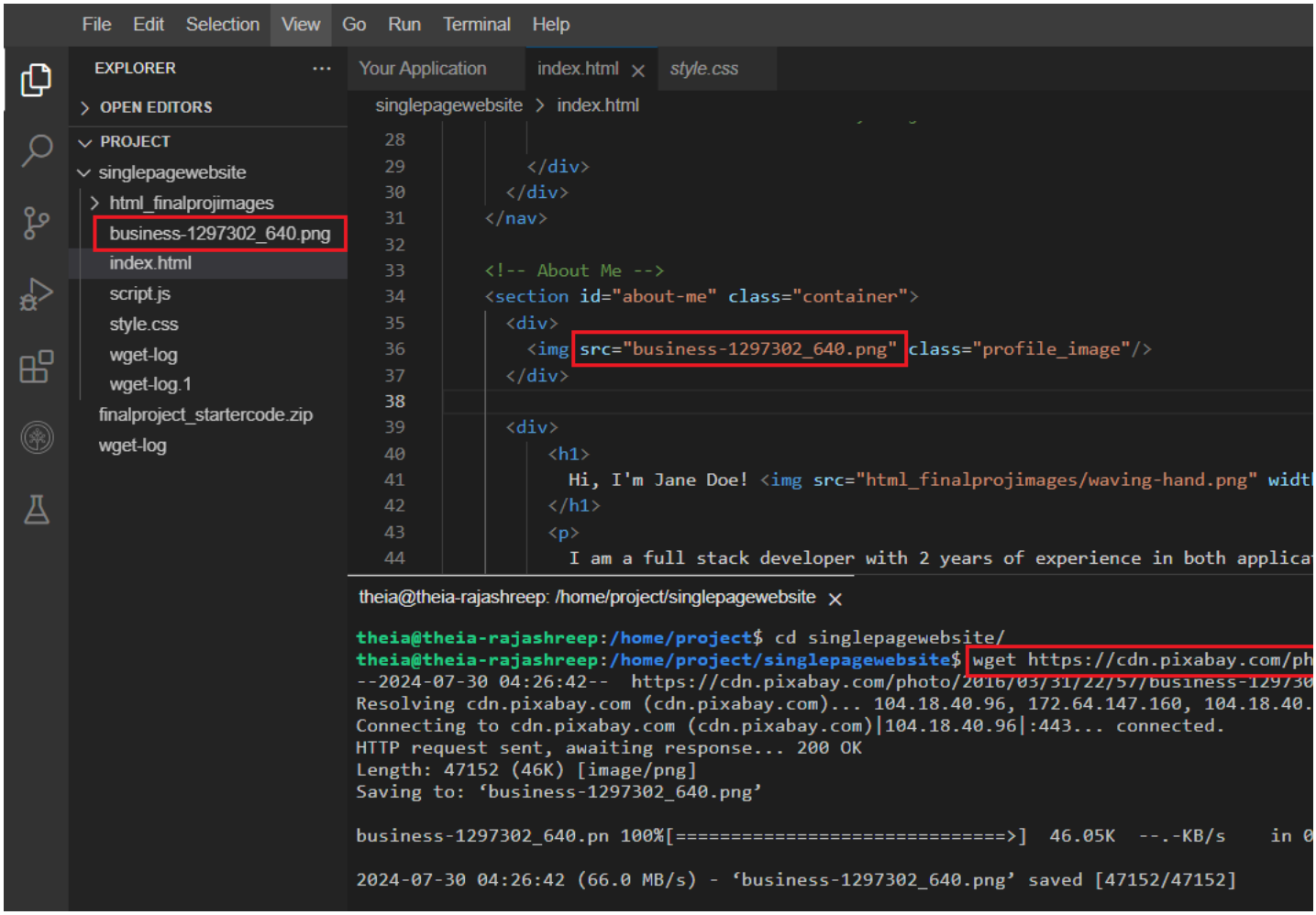
4. Use the following command to download the image in the lab.

   Replace `<Image-address>` with the link address you copied.

   ```
   wget <Image-address>
   ```

5. Specify the image name in the `src` attribute of the image tag provided for profile.

Please refer to the attached screenshot below:





Hi, I'm Jane Doe! 👋

I am a full stack developer with 2 years of experience in both application and presentation layers. I have worked on applications and microservices deployed on IBM Cloud. I am an avid user of IBM Watson Services and have worked on Watson Assistant, NLU, Sentiment analyzer to name a few.

2. Save and test your web page with live server.
3. Take a screenshot of the **About me** section as shown in the sample image and save it as `aboutme.png`.

Task 4

In the Skills section, 2 skills have been initially added.

1. Add 3 or more skills with appropriate logo and text.

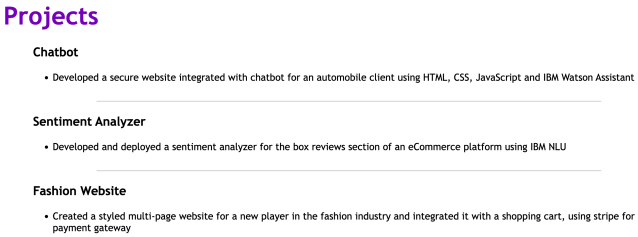


2. Save and test your web page with live server.
3. Take a screenshot of the skills section as shown in the sample image and save it as `skills.png`.

Task 5

In the projects section, 3 projects with sample content have been given.

1. Please change the project headings and project details from the default ones to your own/fictitious details.
2. The class is set to `project-card`.

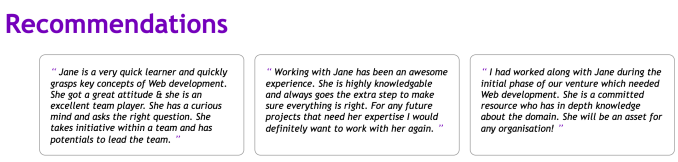


3. Save and test your web page with live server.
4. Take a screenshot of the projects section as shown in the sample image and save it as `projects.png`.

Task 6

You will notice that 3 Recommendations with random sample text have been initiallly added.

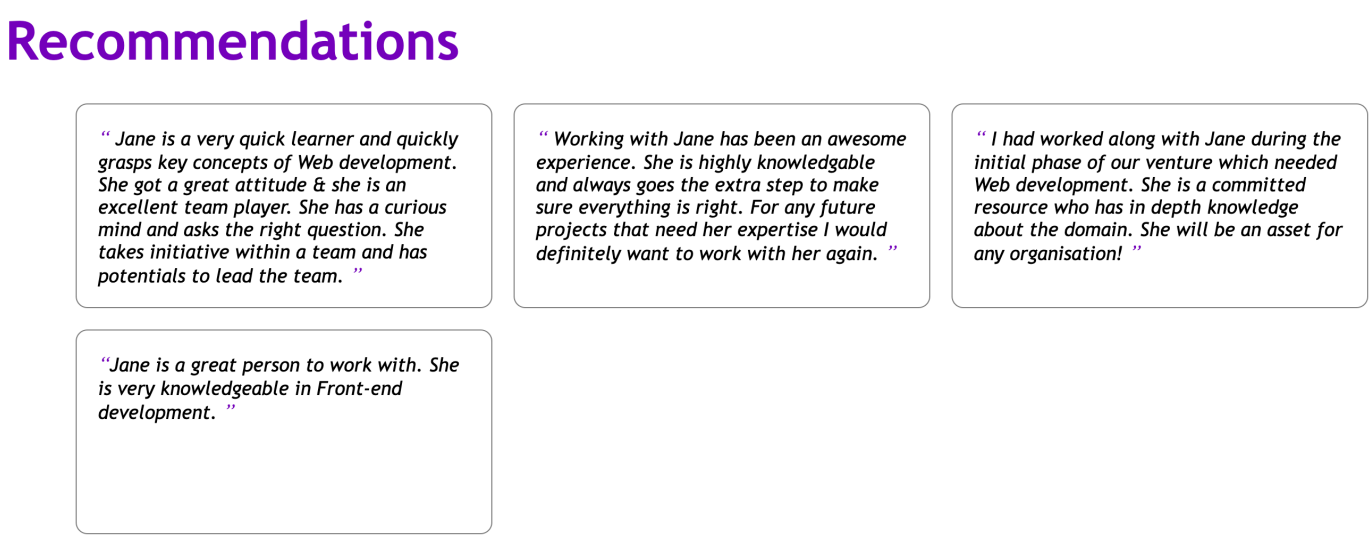
1. The class name has been set to `recommendation` in the provided code for all these.
2. Add at least 3 fictitious recommendations (each of about 25–30 words) in place of these.



3. Save and test your web page with live server.
4. Take a screenshot of the projects section as shown in the sample image and save it as `recommendations.png`.

Task 7

1. The function `addRecommendation()` has been in script.js as a part of the starter code. Add an `onClick` event to the button with id `recommend_btn` in index.html, to invoke this function.
2. Enter a text and click on the button, for the function should be invoked. The text should be added to the list of recommnedations, as shown in the image.

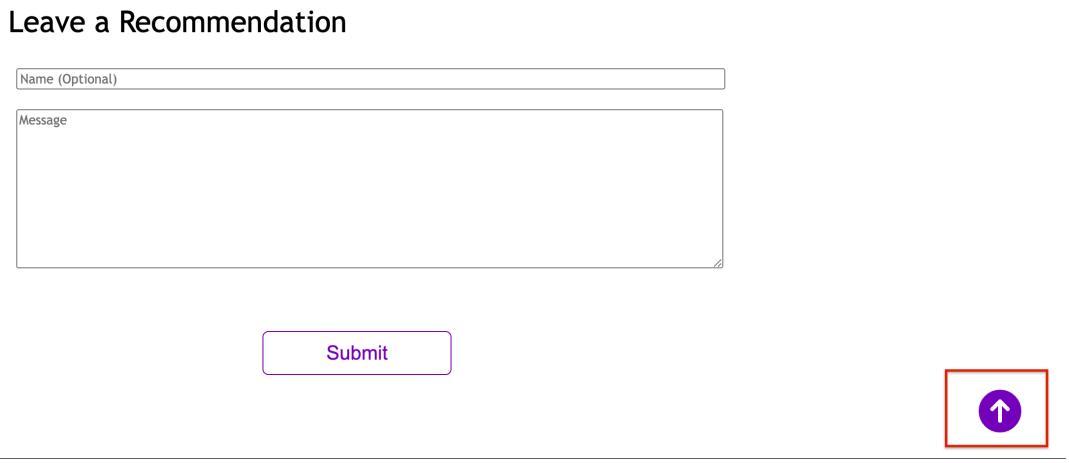


3. Save and test your web page with live server.
4. Take a screenshot of the updated recommendation section as shown in the sample image and save it as `new_recommendation.png`.

Task 8

1. `Home` icon has been provided to you in the started code. Look for the portion `<a href="#home">` in index.html and add the following code inside it to make it functional and to take you to the start of the page when you click on the home icon.

```
<svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0 24 24" stroke-width="1.5" stroke="white" width="63px">
  <path stroke-linecap="round" stroke-linejoin="round" d="M15 11.25l-3-3m0 0l-3 3m3-3v7.5M21 12a9 9 0 11-18 0 9 9 0 0118 0z" />
</svg>
```



2. Save and test your web page with live server.
3. Take a screenshot of the bottom of the page as shown in the sample image and save it as `home_icon.png`.

Task 9

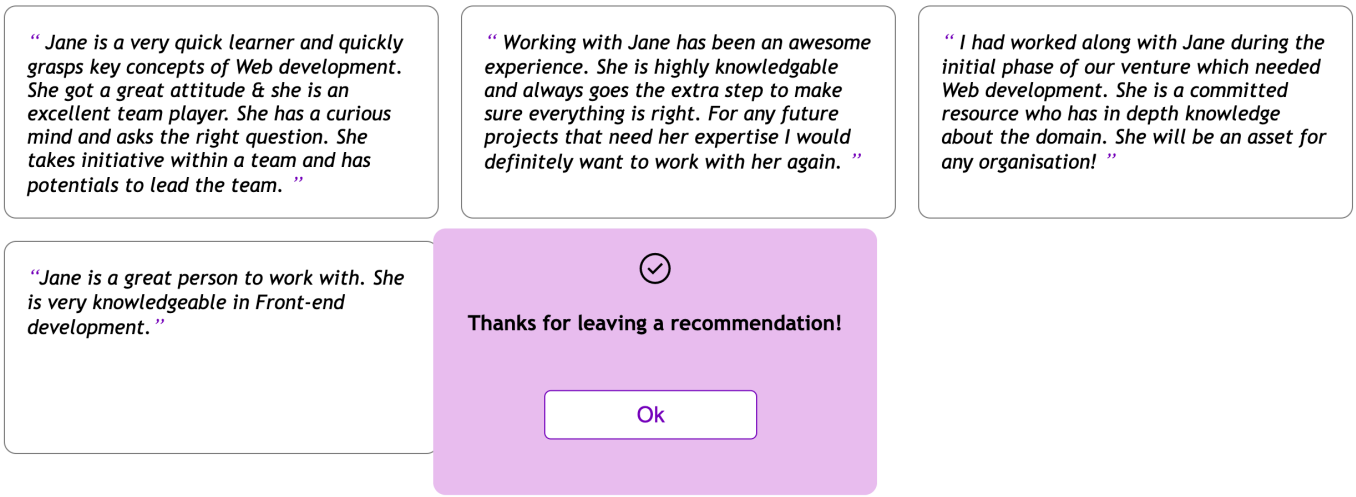
In Task 7, you must have noticed that a newly submitted recommendation does get added to the exsiting list, however there is no confirmation upon submission. Your final task will be to incorporate that.

**Notice that the function `showPopup()` has already been provided with complete code in script.js. **

1. Add the following code inside the `addRecommendation()` function in the space provided, so that the `showPopup()` function is invoked onyl when a recommendation is submitted.

```
showPopup(true);
```

2. Go to div with id **popup** and add an apporpiate text confirmation message in the space provided.



3. Save and test your web page with live server.
4. Take a screenshot of the bottom of the popup message as shown in the sample image and save it as `popup.png`.

Checklist for submission

1. You have a screenshot of your name appearing as the stylized profile name in the file `profile_name.png`.
2. You have a screenshot of the navigation menu with the mouse over one of the items reflecting the hover effect in the file `nav_bar.png`.
3. You have a screenshot of the **About Me** section with your name/fictitious name, a personalized image (fictitious image) and text (fictitious text) in the file `aboutme.png`.
4. You have a screenshot of the **Skills** section with five or more skills with appropriate icon and text in the file `skills.png`.
5. You have a screenshot of the **Project** section with 3 or more fictitious projects appearing in stylized list in the file `projects.png`.
6. You have a screenshot of the **Recommendations** section with 3 or more fictitious recommendations appearing in stylized tiles in the file `recommendations.png`.
7. You have a screenshot of the **New Recommendations** added as another tile to the existing ones on click of the button, in the file `new_recommendation.png`.
8. You have a screenshot showing the `Home` icon with the appropriate image in `home_icon.png`.
9. You have a screenshot showing the `popup` with the appropriate message when a new recommendation is submitted in the file `popup.png`.

Congratulations! That's a wrap.

Author(s)

Lavanya

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