https://8d93e7e8-d368-4b86-97a6-887845186e31-00-2uj8fosdrgikq.janeway.replit.dev/

this is the link to the website output that replit gives you.

https://replit.com/@oliverbinns4221/Unit-15-Assignment-2

this is the link to the code on replit

the code isn't always online but I will try to keep it online for as long as possible by leaving it being checked by https://www.isitdownrightnow.com/ constantly, which will create artificial traffic to the site keeping it online. But if it isn't online when you go to mark it (which I assume will be the case) you can always view the base repl to see the code itself (I think)

firstly I needed to design it in an extremely basic way, so I used photoshop to draw a very basic outline of what the end result will look like, just some basic images and information boxes with an apply now button on each one.

OUR JOB OPENINGS AT HOT BEANS WEB
below we will list our job offers at hot beans web

image

Lorem ipsum dolor sit amet,
consectetur adipiscing elit, sed do
eiusmod tempor incididunt ut labore et

image

Lorem ipsum dolor sit amet,
consectetur adipiscing elit, sed do
eiusmod tempor incididunt ut labore
et dolore magna aliqua. Quis ipsum

Firstly I created an actual web page that is accessible to the internet, so I went on replit and made a new repl, did absolutely nothing to change anything as my first priority was getting the thing online, I then clicked "run" which gave me a webpage readout, opened the read out into a web browser (I used google for this), then copied the link on the webpage and copied the link into the web browser of a separate computer, the other computer could also access the link, this proves that it is being hosted on the internet, I then put the link into "isitdownrightnow.com" which gave me a response that the website was currently online, this clearly shows to me that the website was being hosted and it was accessible to the internet, completing my first step.

Secondly I then borrowed a basic template from w3schools, I modified this template heavily throughout the creation of the website so it essentially used nothing except for the layout of the copied template.

I changed the name of the page to be "join the team!" as this page produced will be a page for recruitment to the company, where they will hire mainly web developers as I have been asked to do, I have then filled out some basic requirements for the role of "junior web developer" and "senior web developer"

Before on the website there was a "comments" section on each block of text or "job offer", I have removed this because I will instead replace it with a form section in which people can submit their job applications.

Before:

TITLE HEADING

Title description. April 7, 2014

Mauris neque quam, fermentum ut nisl vitae, convallis maximus nisl. Sed mattis nunc id lorem euismod placerat. Vivamus porttitor magna enim, ac accumsan tortor cursus at. Phasellus sed ultricies mi non congue ullam corper. Praesent tincidunt sed tellus ut rutrum. Sed vitae justo condimentum, porta lectus vitae, ultricies congue gravida diam non fringilla.

READ MORE »   Comments   0

After:

Junior Web Developer

Apply to become a junior web developer at our company here Feburary 14th 2024

you will need to be able to

design, create and modify static webpages and HTML5 files

create and deploy interactive and mobile friendly websites using HTML, CSS and Javascript

collaborate with back end developers on databases and chosen architecture, using tools like bash, Git and automated tests

it is recommended you have atleast a college degree in computer science or a related field at level 2 or above.

APPLY NOW!

I then added images to the website, namely above the two job offers and above the description of the company, to my absolute amazement the images didn't completely ruin the ratio of the text boxes and I didn't have to redo any of the layout, the images themselves are fairly basic, two images of people working on computers, the junior one is of a more middle aged man, the senior one is of an older gentleman, and the description of the company has an image of a data centre atop it, as I thought this would be fitting.

I also discovered that pressing shift + s doesn't save it, it formats all of your code for you, which was quite a useful discovery.

I created two different forms, one for the senior applicants, and one for the junior applicants, at this point I have still not discovered how to make forms output onto a database, but I'm sure I will figure that out eventually, for now I will worry about making the form, and for this I used bootstrap and used a template that bootstrap provides for you in order to create the forms system, I also cleverly linked the forms up to the apply now button on each job listing, of course I put them on the corresponding listing so that the two different apply now buttons would give two different forms for you to fill out.

```html
</p>
<div class="w3-row">
  <div class="w3-col m8 s12">
    <a href="forms/form 1 (junior).html">
      <button>Apply now!</button>
    </a>
  </div>
  <div class="w3-col m4 w3-hide-small">
```

This is the example of the button code for the apply now section on the junior job listing, it shows that the button is wrapped in the href for the html for the forms, clicking on the apply now button will result in a redirect to the form.


This is what the form looked like with a small amount of editing to the text fields, no change to the layout of it etc, in fact at this point in time it hadn't even been connected to a database, something which I will have to figure out at a later date.

Before I move on with that I fixed my button, because it was just the default HTML button, and it looked ugly.
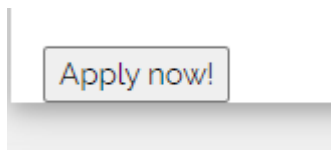
This is what it looked like, quite ugly indeed.
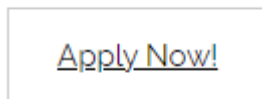
This is the new button, taken from an example of W3 at

https://getcssscan.com/css-buttons-examples

this button was underlined, this was fine but, it also caused everything below it to be underlined and so for the sake of ease (and because I thought it looked better) I removed all of the underlining from the buttons.

Senior Web Developer

Apply to become a Senior Web Developer at our company here Feburary 14th 2024

In order to hold a senior position as a web developer in our team you must:

be able to effectively lead a team of designers and developers in an orderly and efficient manner to create a usable design that meets a clients demands.

be able to adequately train new junior and assist in the development of their skills

have atleast 10 years of experience in the field

it is recommended you have a university degree in computer science or web development.

As you can see, this isn't ideal and so I looked up a fix for this problem, after 30 minutes of searching I found a solution on google, which says:

How to remove underline from hyperlink

1. After opening your content to edit, navigate to the Insert tab.
2. Click the HTML code button.
3. Locate the area between the opening <a> tag and the start of the href, as shown below.
4. Insert the code style="text-decoration:none" as shown below.

And so when I implemented this change it fixed the underlining issue.

```
<a style="text-decoration:none" href="forms/form 1 (junior).html"
```

15/B.P2	Produce designs for a website that meet client requirements.
15/B.P3	Review the website design proposals with others to identify and inform improvements.
15/C.P4	Produce a website for an intended audience and purpose.
15/C.P5	Test the website for functionality, compatibility, and usability.
15/C.P6	Review the extent to which the website meets client requirements.

For my next task I needed to make the form send an email to a personal email that I can privately view once the person clicks submit, the way I did this was not optimal, but it was the only way I knew how to, and that was to open an email instance that automatically fills in an email ready to click send, this isn't an amazing solution but it worked.

```
<form action="mailto:testburner13653@outlook.com" method="post"
enctype="text/plain">
```

This is the snippet of code I used to send the form to an email, very basic but it will work, this opens an instance of an email that automatically fills everything out, all the user needs to do is click submit.
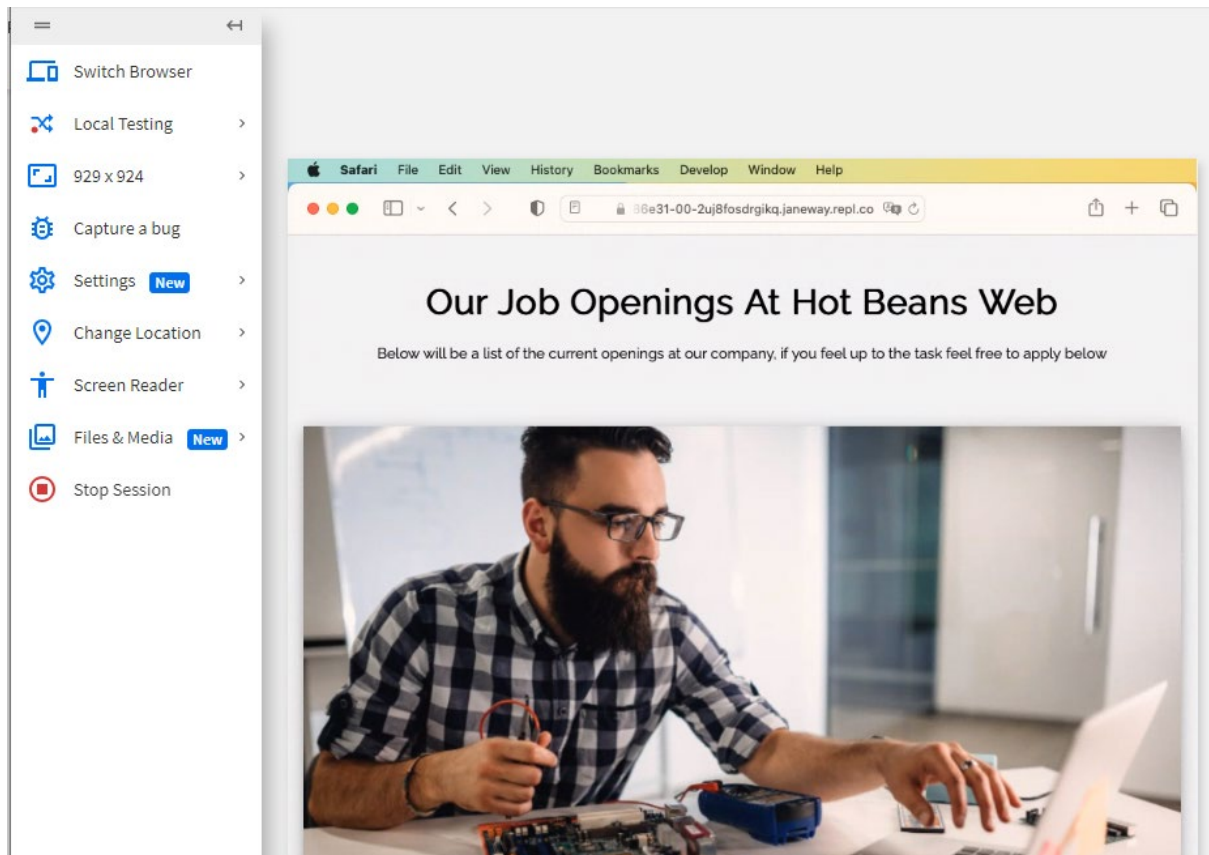
The following recipient is outside your organisation: **testburner13653@outlook.com** ✕

Send   To   ○ testburner13653@outlook.com

        Cc

        Subject

name=oliver binns
email=oliverbinns4221@outlook.com
password=bigdallas1
gender=male

This is what shows when you click apply now, simply click send and the email will be sent to an email account where only I can view it, then I can send an email back to their email address with a response etc, and they can type anything they want into the email application.

For testing, I have used a browser emulator called browser stack, it accurately emulates different browsers, so for this instance it is emulating safari on macOS, as you can see everything displays correctly initially.

I also attempted to submit a form using this emulator.

This is a non-secure form.

This form will be sent in a way that is not secure. Are you sure you want to send it?

Cancel   Send

It seemed to work but before I could get a screenshot it gave me this and it asked me to pay (no thanks)

Each device is available for up to 1 minute during Free Trial. For full access:

Buy a plan

Download the BrowserStack Local App to test local / privately-hosted websites or lower environments

Download Local App   ×

★ Quick Launch					
iOS	★ 16.5	☆ 122	☆ 121	☆ 107	☆ 121
Android		☆ 123	☆ 122	☆ 109	☆ 122
Windows +		☆ 121	☆ 123	☆ 106	☆ 123

Obviously because of this I couldn't continue, although safari seemed to work, so then I just downloaded all the browsers I wanted to use and just used them locally from my machine.
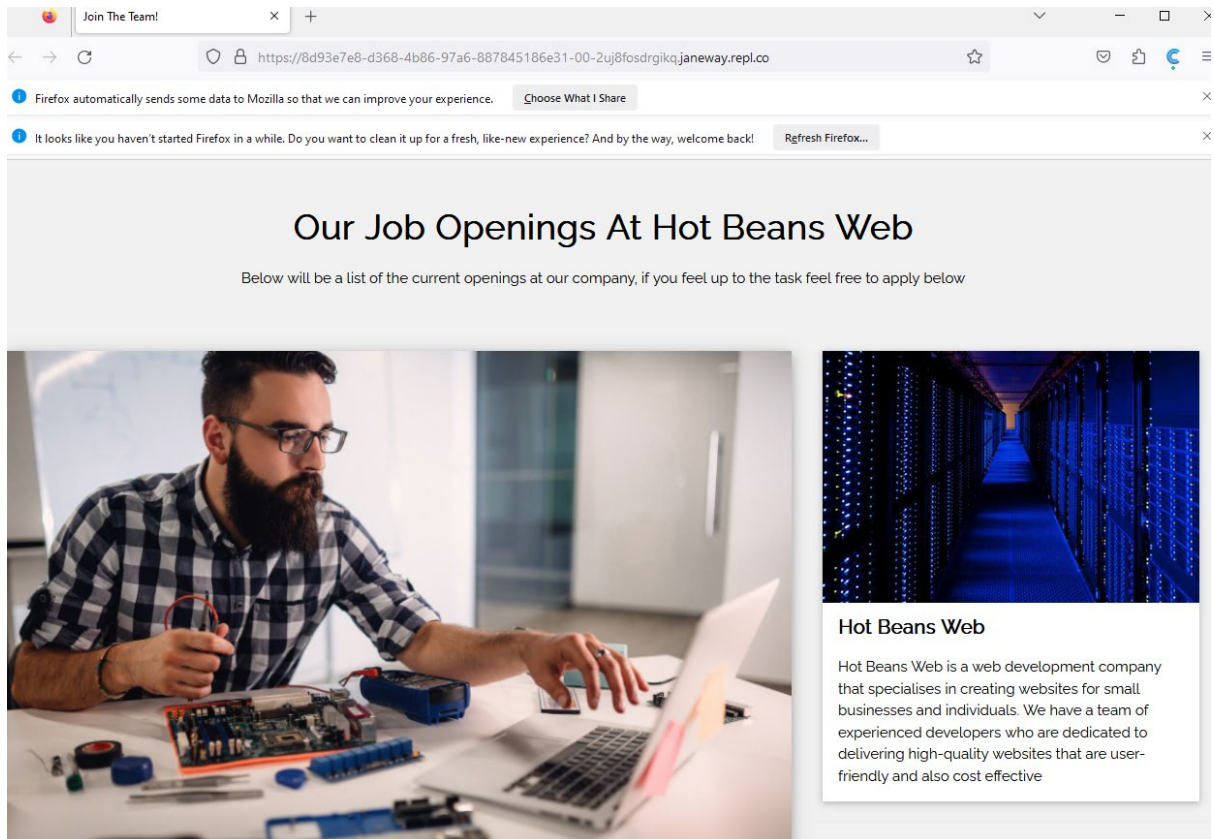
This is what the webpage looks like on firefox, again it displays correctly and rendered fine within a reasonable amount of time.


The form seems to open and display correctly on firefox

This is the view of the site from the opera browser, seems to display correctly on this browser with no issues, loaded quickly.

For testing I will use the lighthouse tool, which should give me a very detailed readout of all the statistics of the webpage, including read time, how long till it becomes interactive, how heavy the page is etc, it's quite a good tool for testing a variety of different things when it comes to performance and optimisation of a webpage.
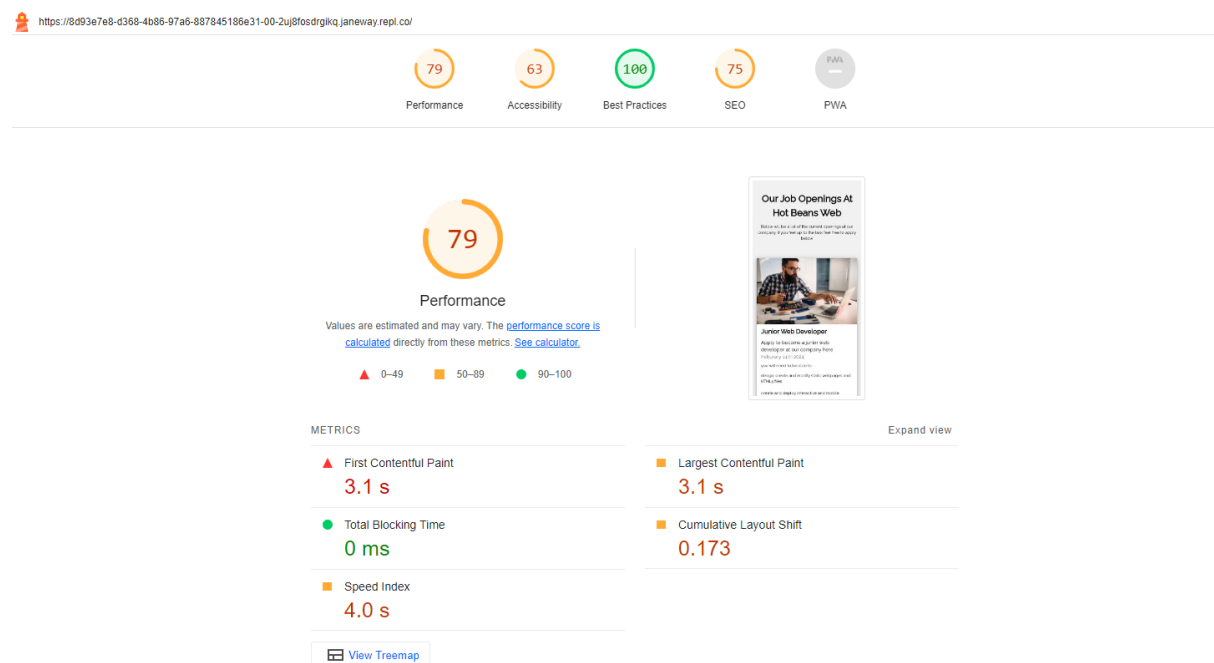
This is the performance readout of my webpage as tested by lighthouse, as you can see the performance isn't terrible, but I suppose some things are left to be desired, I could potentially improve this by reducing the amount of images used, or reducing the lines of useless code (of which there are quite a few)