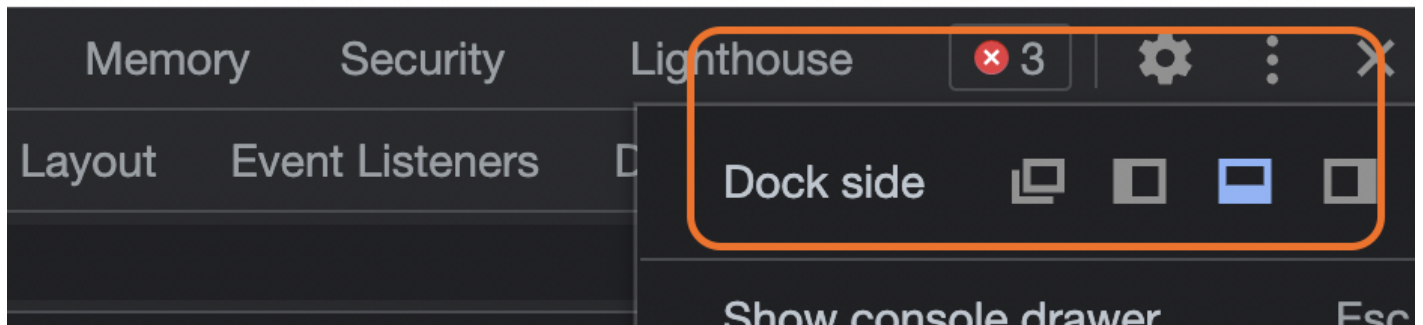


Chrome Dev Tools Exercises

Agenda: Important to know dev tools if you want to be an efficient coder.

Dock Side view:

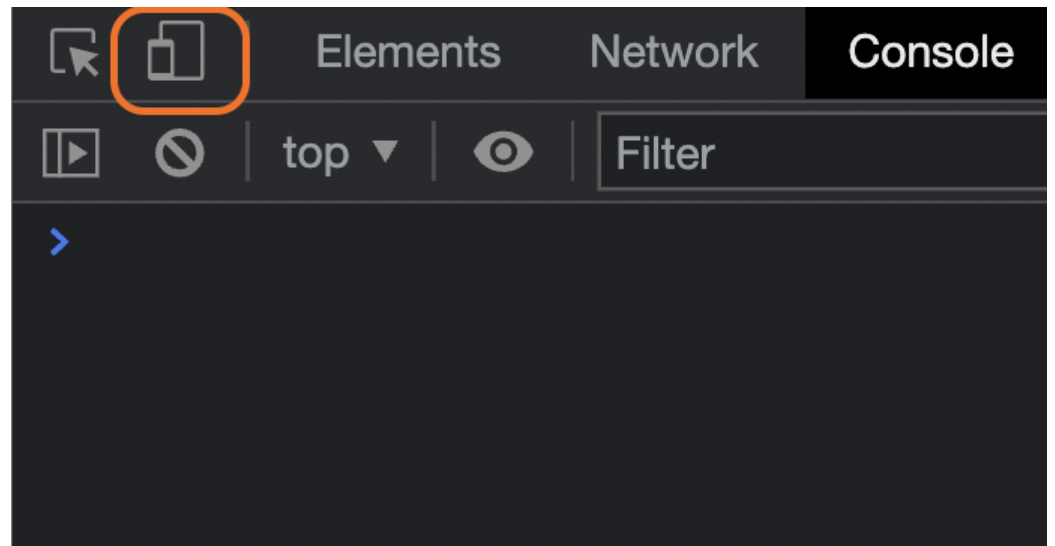
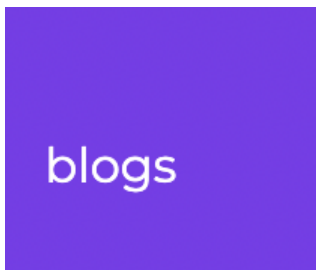
Different ways you can position your dev tools.



Mobile Simulation:

Understanding:

View your site in mobile view. This feature is very important for developers. While developing your website you can see how your website will look on mobile devices.



Live Challenge:

1. Open adarshbalika website.
2. View the site in mobile view.
3. Select iPad Air dimensions.

This is a view of how the website will look in portrait mode.

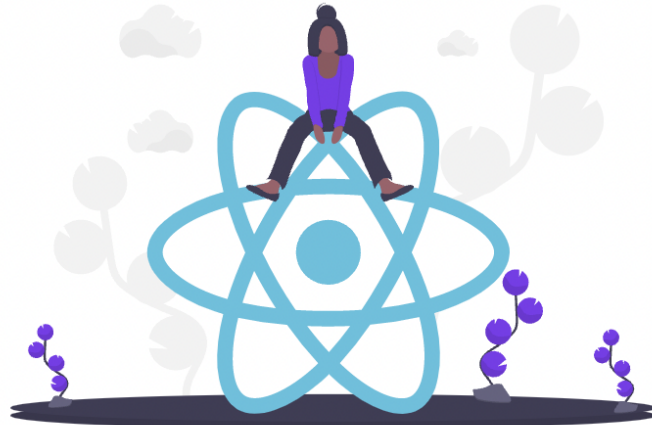


adarshbalika

home

projects

blogs



adarsh balika the **web developer**

technologies

I'm familiar with HTML5, CSS3, Git, JavaScript, NodeJS, ReactJS, and Web Hosting

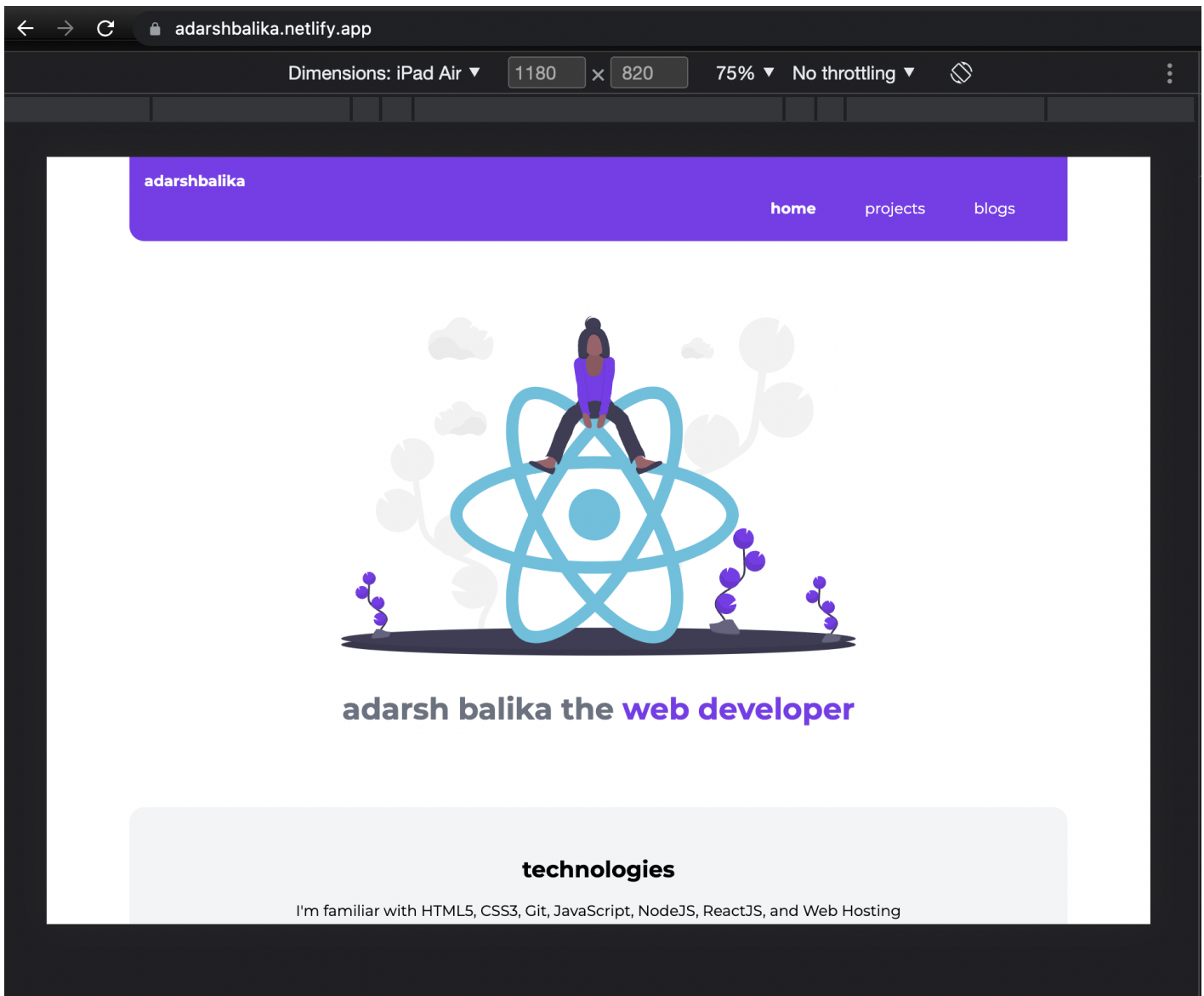
projects

I like to showcase my work and thus, you can see my projects hosted online

[See Projects](#)

Challenge is - can you change the view from portrait mode to landscape mode for iPad Air.

Your view should be something like:



Elements Tab:

Understanding:

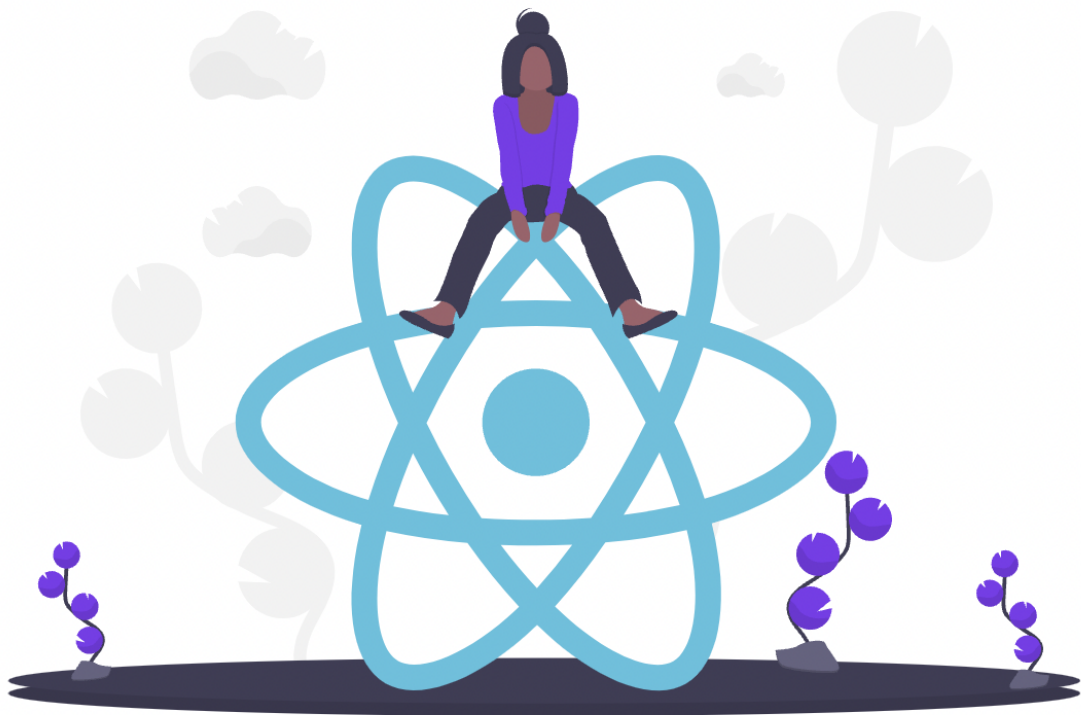
Elements tab is where you see the HTML code. You can change the code and try different things in browser.

Can also see the styles applied to the HTML. You can change and experiment with different colours using colour picker and styles of the elements.

Live Challenge:

1. Change “adarsh balika the web developer” in header ****to “adarsh balika the reactJS developer” using the Elements Tab.

Existing:



adarsh balika the **web developer**

Expected Result:



adarsh balika the **reactJS developer**

1. Change the background colour of “See Projects” button in the projects section to green by overriding the existing background colour, using the styles tab.

Existing:

projects

I like to showcase my work and thus, you can see my projects hosted online

See Projects

Expected Result:

projects

I like to showcase my work and thus, you can see my projects hosted online

See Projects

Console Tab:

Understanding:

Things you can do in console:

View logged messages

Run JavaScript - Try out new code or interact with the page you are inspecting

Can also filter messages in console.

Live challenge:

In the adarshbalika website, can you change the text “adarsh balika the web developer” in header
****to “Hello” using the console tab?

Sources Tab:

Understanding:

Sources tab is very helpful when it comes to debugging your JavaScript code.

Add breakpoints and debug your code.

Scope Watch

Live challenge:

1. Given a buggy app. Can you identify the bug using the JavaScript debugger.

App Link - buggy-app.netlify.app

Network Tab:

Understanding:

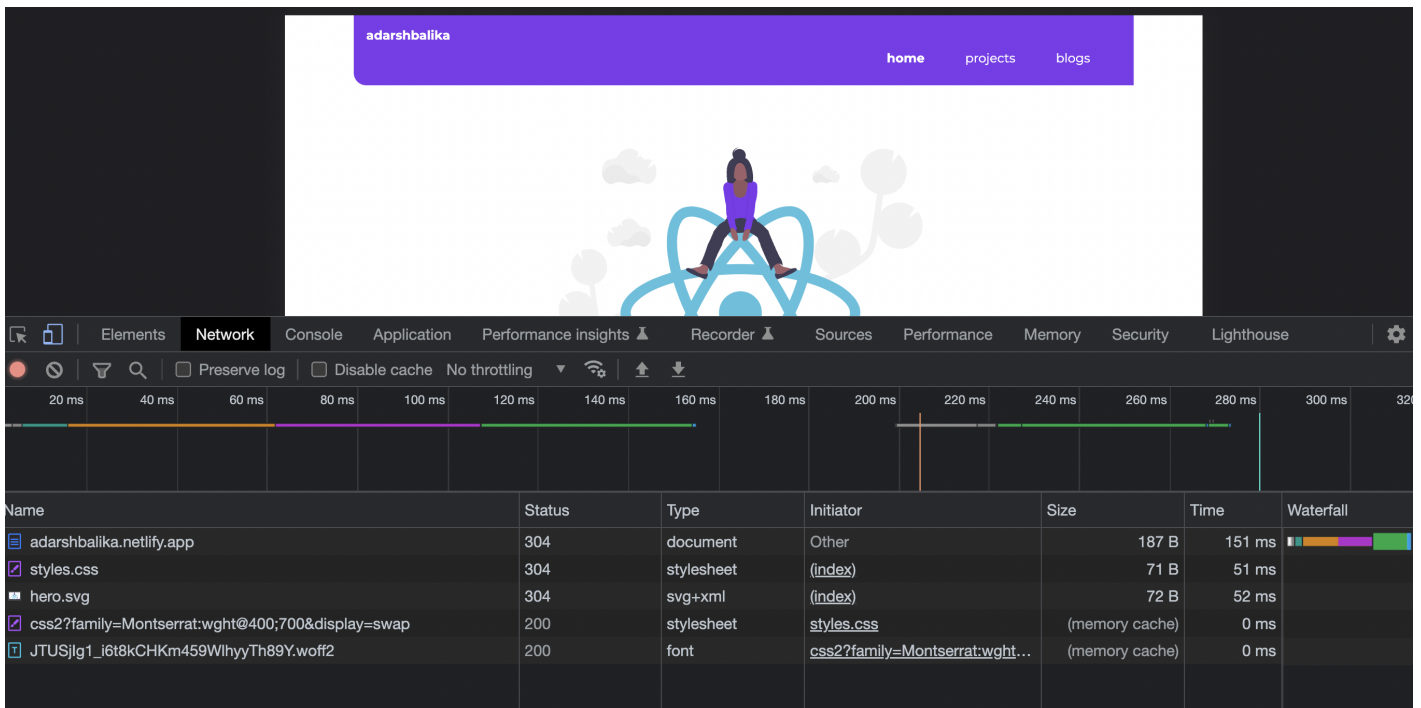
Network Tab is mostly used for:

- Making sure that resources are actually being loaded.
- Inspecting the properties of an individual resource, such as its HTTP headers, content, response, and so on.

You get to see all the network calls and the details about that call. For ex: the method, domain, size, status, type of file, etc.

You can search for particular requests.

Different columns in network tab.



Live Challenge:

Open adarshbalika website. Can you display the methods of all the network call in a column by adding the Method column?

Lighthouse Tab:

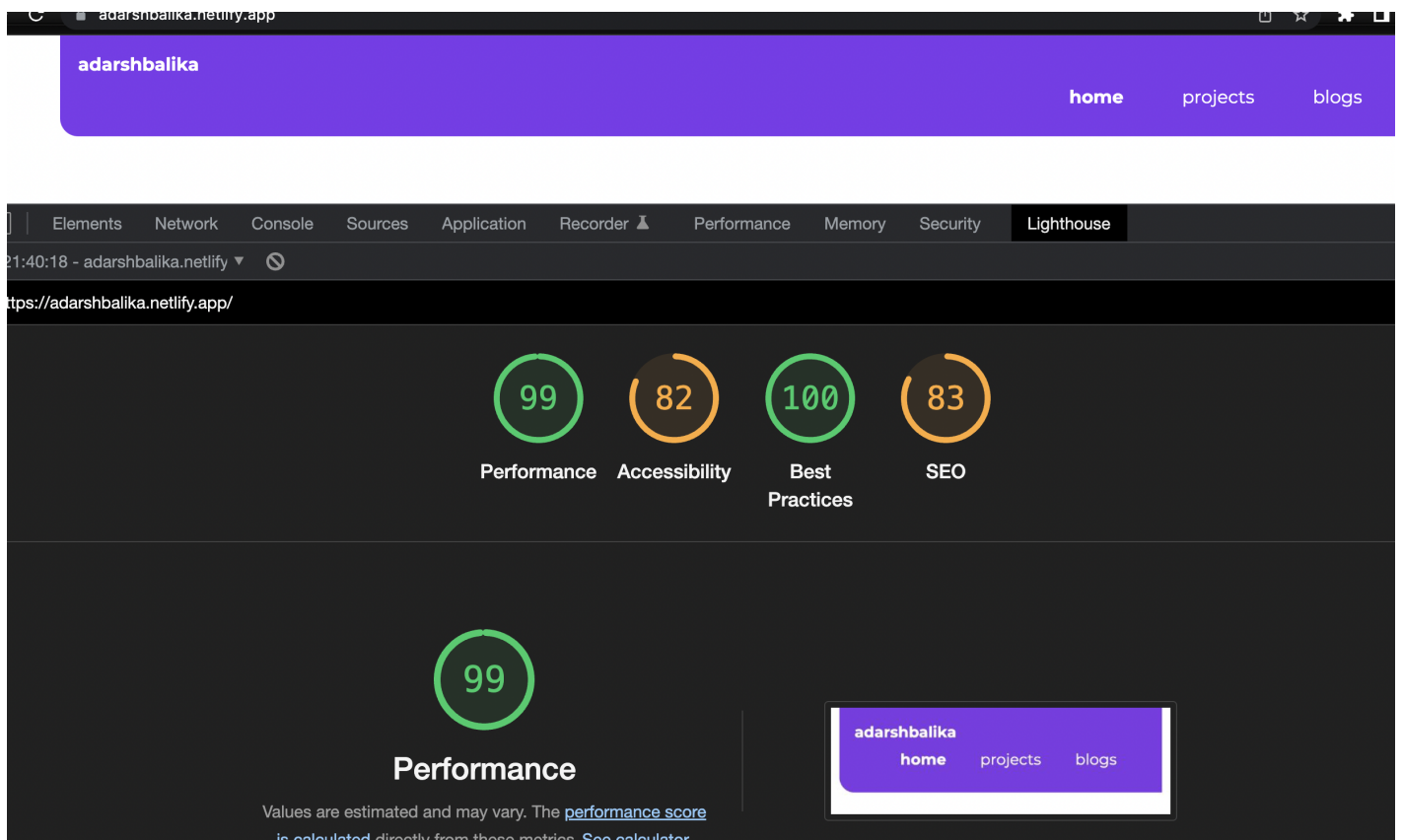
This tells you about the performance of your website on some specific metrics.

Performance

Accessibility

Best Practices

SEO



Application Tab:

Web Storage:

Local Storage - The data remains with the browser even after the browser is closed.

Session Storage - As the name suggests, the data stored here disappears when we close the browser or the tab.