

JP Park

05-430 ASSIGNMENT 8

IMPLEMENTING WEB PORTFOLIO

LINK TO LIVE VERSION: [HTTPS://JAEP3347.GITHUB.IO/](https://JAEP3347.GITHUB.IO/)

LINK TO REPOSITORY: [HTTPS://GITHUB.COM/JAEP3347/GATSBY PORTFOLIO](https://GITHUB.COM/JAEP3347/GATSBY_PORTFOLIO)

PART 1: DESCRIBE MY WEBSITE

What is the purpose of your website?

The purpose of my website is to show people who I am. Since I'm interested in and have experience in both design and development, I wanted to allow the audience to see both sides of me as well as connect with me through different social media and modes.

What information do you convey with your website?

I want to convey basic information about myself such as school I go to, majors, my interests. Also, I would include all the projects I've done, for example, links to github repositories and also social media links. It would also be appropriate to add resume somewhere that is visible.

How is it interesting and engaging?

I've used extensive animations in my portfolio to draw the attention of the viewers. The landing page has a very interesting text animation that shows the various sides of myself as a designer, developer and a program manager. It is also interesting through usage of emojis and relevant images. The bounce up and down animation for scroll to top and scroll to next section also engages user through its explicit affordance and feedback.

Who is the target audience?

Target audience would be anyone who wants to know about me. Although it would have to be professional in a sense that prospective clients and potential colleagues might look at it, I still want to keep it as welcoming as possible.

PART 2: USER INTERACTION

- On the landing page, there is a sticky navigation bar that follows the user through-out scroll. User can click on individual “menus” which would automatically scroll to view the content of that specific section.
- Resume item on the navigation bar leads to a default pdf display page with my resume being rendered.
- Every item on navigation bar changes color on hover.
- Every section, on its initial load, will have a bottom to top animation when scrolling.
- There is a scroll to next section button that is navigating with a bounce animation on the landing page, which looks like an arrow pointed downwards.
- In the about me section, the connect button leads to the default mail app of the user to send an email to my email address.
- In the design section, the open button will lead the user to see a process book pdf of each projects completed
- In the develop section, each box container should show my six most recent repositories updated along with the link to each respective repository.
- The footer should have four social media icons that leads user to my social media account.
- At the bottom of the page right above footer, there is a finger pointing upwards which on click, the user will be taken back to the top, which is the landing page.

PART 3: EXTERNAL TOOL USED

Name of tool

I used ReactJS and GatsbyJS along with include-media scss styling. There were also numerous plugins for React itself such as react-modal, react-reveal, smoothscroll to list just a few.

Why you chose to use it?

GatsbyJS is a static website generator that is built on top of ReactJS. I chose to use these two frameworks due to its numerous npm plugins that I can utilize and include-media was used to support responsive design in my website. Also, components are great way to divide the website into. This allows for clean code to be generated and static websites are also generally quicker in loading since there are minimal resources running on the background.

How you used it?

I used Gatsby and React for setting up the general structure of the website. Include-media was used by configuring what style should be applied when the viewport is changed. I also looked at sample codes so that I could mimic the interactions that I want it to happen in my website.

What it adds to your website?

These tools add beautiful visual transition and animations to the website. Some of these interactions are much smoother and nicer looking than basic Javascript and jQuery animations, yet the users will be able to interact with it in a same, usual way.

PART 4: ITERATION FROM ASSIGNMENT 7

Since the original design contained too many pages, I got rid of the large number of different showcase pages for both the design and develop section of my website. Also, the skills section seemed unnecessary since this information is already being conveyed in more detail in my resume. The biggest change was the landing page, which now has a much more interesting animation happening rather than plain images being displayed.

PART 5: CHALLENGES ENCOUNTERED

First challenge I encountered was actually getting the animations to work; I had to read thoroughly the API documents for each plugin to actually implement the interaction. Second was the usage of React and Gatsby, which required further understanding of the framework in itself and new syntaxes being used. Finally, the deployment was really hard; Gatsby generates the static files in deployment mode, which needs to be dealt differently rather than just hosting the whole directory to the repository.

PART 6: PROJECT LINK

Link to live version of website: <https://jaep3347.github.io/>

Link to repository: https://github.com/jaep3347/gatsby_portfolio