



**Noroff**

School of technology  
and digital media

# Technical Report

Portfolio 1

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# 1. Summary

In this assignment the goal was to create a personal portfolio website with the knowledge from the past year. The criteria for this assignment was:

- Design is immaculate as this reflects on your personal work.
- Code is neat and clean no terminal errors, code is formatted, and project is well
- structured.
- Website is responsive, accessible and follows SEO practices.
- 500-word PDF report

In this report I'm going to explain some design decisions and partly how I created the website.



## 2. Body

### 2.1. Introduction

On this assignment we were supposed to use all our knowledge from the past year to make a personal portfolio. The software I used in this assignment is:

- Adobe Illustrator
- Adobe Photoshop
- Visual Studio Code
- Google Chrome
- FileZilla
- Favcon generator
- Facebook Sharing debugger
- HTML and CSS validator

The assignment duration is 2 weeks.



## 2.2. Main section of report

### 2.2.1 The creating process

The first thing I did when I started on this assignment was to do research on different portfolios online and decided to go with a digital theme which I liked. Created a repo and connected that to the built-in GitHub in VS code. I created a style tile with the colours I wanted to use and images. Then I did go to the drawing board and started to create the sketches of the website in illustrator for both mobile and desktop. When that was done, I did create a new artboard in illustrator and started to design the website aka creating mockup's of the website.

Then I started writing the HTML structure before starting on the CSS styling. When the HTML was done, I started on the CSS styling on the mobile version first. Created one CSS for mobile and one for desktop for easily change between the stylings when coding. Then I wanted to have a hamburger menu on the mobile version, so I searched on the internet to find different ways of creating one that's working with screen readers. The guides I used for creating the menu are (3.1 Link) and used a guide on how to create a hamburger icon (3.2 Link), I used both of those to create my own version of a hamburger menu. And I applied box-sizing: border-box on all the elements mainly because the styling of the contact form (3.3 Link). In the JavaScript I did fix a bug on the hamburger menu and decided to update the year in the footer which I created using JavaScript.



Other elements I did add was on the desktop version when you hover over the websites in the index page. The guide I used for creating that effect was (3.4 Link) and created my own version that fitted my page.

## 2.2.2 Design decisions

The design that I created in the mockup are the first design version I created which where I used dark colours and a background image as background. I felt that I wasn't pleased with the design, so I decided to change the dark colours to something lighter and keep the background image. I created two subdomains and with the different versions and sent that to friends and family to see that they thought of the different designs. And ended with the light version, but I wasn't pleased with the background image because I had to compromise it a lot and then it looked really pixilated out and didn't fit the design, so I replaced the background image with a new more clean and fitting background image. I changed the style tile to the new design, but I kept the old version also. The mockups are the original design circa.



## 2.3. Conclusion

As a conclusion I would say that this was a difficult assignment because of the “open” task, where we could basically do whatever we wanted to but at the end I was happy with the result. I struggled a lot with the design and how I wanted it to be, my goal was to keep it clean and simple with some nice elements, and I think I accomplished it. I changed the design drastically, but I think it was for the better. I would definitely like to have more time on the assignment and worked more on the design and it would look even better, but I think the code are neat and tight. I’ve validated my code and checked for any JavaScript errors. I did take audits test in chrome and did get a great score on mobile and desktop. Tested that you can navigate the website with tab.

Link to GitHub Repo (Private until delivery deadline):

<https://github.com/InternationalAdvice0/portfolio-danieldjupvik>

Link to website:

<http://djupvik.co/>



## 3. References

Hamburger menu

3.1 Link [https://www.w3schools.com/howto/howto\\_js\\_mobile\\_navbar.asp](https://www.w3schools.com/howto/howto_js_mobile_navbar.asp)

3.2 Link [https://www.w3schools.com/howto/howto\\_css\\_menu\\_icon.asp](https://www.w3schools.com/howto/howto_css_menu_icon.asp)

Box-sizing

3.3 Link <https://www.paulirish.com/2012/box-sizing-border-box-ftw/>

Hover over images

3.4 Link [https://www.w3schools.com/howto/howto\\_css\\_image\\_overlay.asp](https://www.w3schools.com/howto/howto_css_image_overlay.asp)

