

Web Development

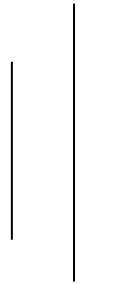
Assignment-1

Github links: https://rushre4114.github.io/Rup_stha-csy1018-assignment1/index.html

NAMI

In the partnership with

The University of Northampton



BSc Computing
CSY1018 Web Development
Title: Simple CV Portfolio

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1. Introduction

This is the report of the assignment of Web Development given to us as a final assignment for level 4 of BSc Computing. This report contains the brief description of the assignment. The assignment is about of creating the simple CV portfolio using only HTML 5 and CSS 3 properties. The Simple CV portfolio contains Home page, CV, Biography and Contact. Each of them have their own requirement. Another important task of the assignment was to create the github account and upload the file in that account. The github link for my website is https://rushre4114.github.io/Rup_stha-csy1018-assignment1/index.html

Before designing my website, I visited different website like Joel.sh, W3 schools for collecting the information as well the some useful ideas. These websites helped me a lot in completing my personal website.

2. Wireframes:

Before creating the final design of my website. I created the wireframe which helped me in providing the structure for my website. I have created the wireframe for both desktop and mobile view.

2.1. Wireframe for desktop:

I. Wireframe for home page:

LOGO		HEADER	
		Home	CV BIO Contact
Welcome Text Background Image			
CV		BIO	Contact
Contact Phone no. Address. Email.	Stay Connected Social Icons		
Copyright.			

II. Wireframe for CV:

LOGO	HEADER
Home CV BIO Contact	
Curriculum Vitae	
<div>Photo</div> Rupak Shrestha	
	<div>Personal Statement</div> <div>Educational Background</div> <div>Traning</div> <div>Key Skills</div>
Contact Phone no. Address. Email.	Stay Connected Social Icons
Copyright.	

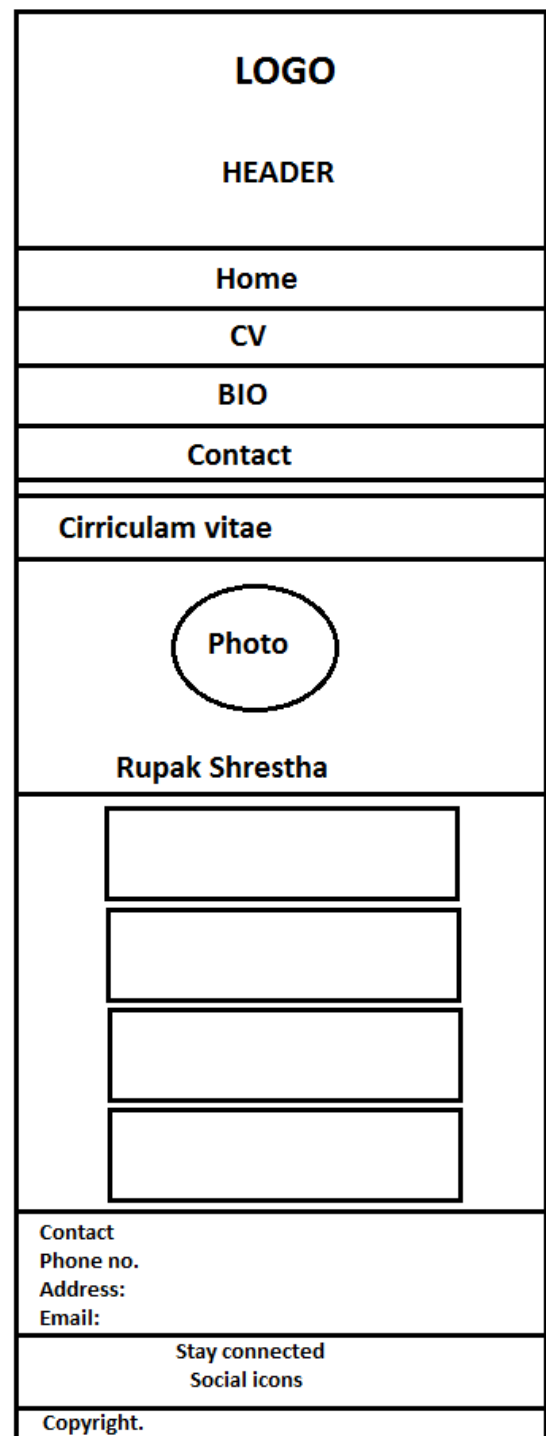
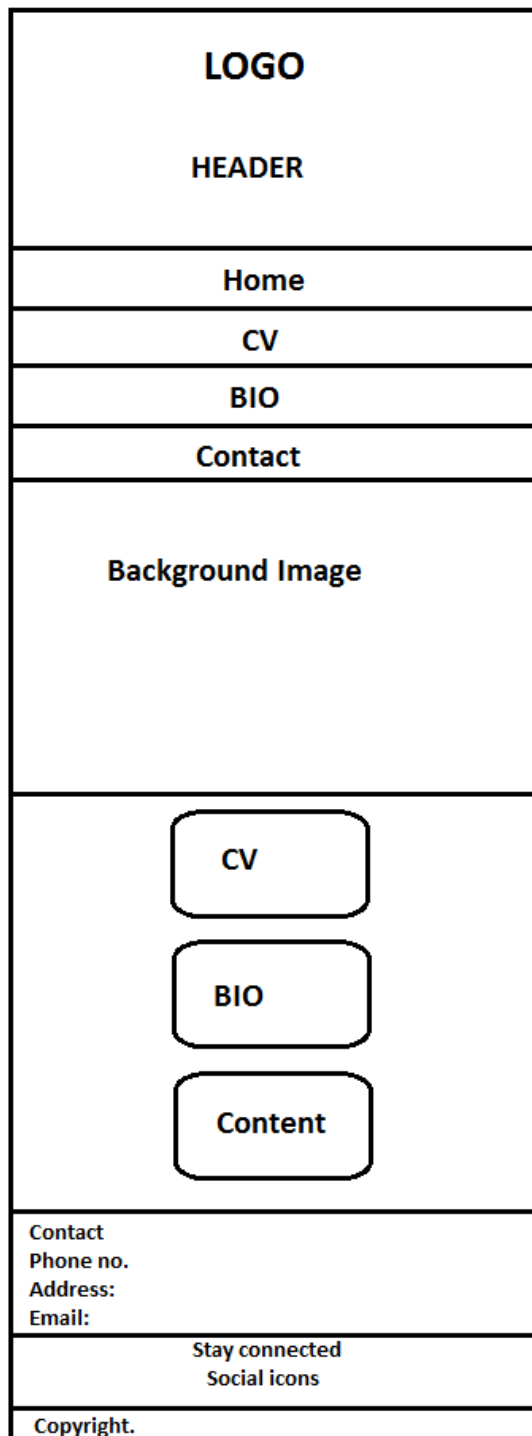
III. Wireframe for Biography:

LOGO		HEADER	
		Home	CV BIO Contact
Biography			
Text		Image	
Contact Phone no. Address. Email.	Stay Connected Social Icons		
Copyright.			

IV. Wireframe for Contact page:

LOGO		HEADER	
		Home	CV BIO Contact
Contact Form	Contact Detail		
Contact Phone no. Address. Email.	Stay Connected Social Icons		
Copyright.			

2.2. Wireframe for Mobile view:



LOGO
HEADER
Home
CV
BIO
Contact
Contact form
Contact detail
Contact Phone no. Address: Email:
Stay connected Social icons
Copyright.

LOGO
HEADER
Home
CV
BIO
Contact
Biography
Image
Text
Contact Phone no. Address: Email:
Stay connected Social icons
Copyright.

3. Final design

With the help of research and practice I finally completed my final design. Before designing my personal website I took the help from different sites like joel.sh, w3 school etc. I have also made my website responsive which can be accessed in both desktop as well as mobile view. I have used the flex structure rather than using old CSS such as float.

```
.nav ul{  
  margin-right: 15px;  
  display: flex;  
  flex-direction: row;  
  list-style-type: none;  
  justify-content: flex-end;
```

3.1. My personal website (Desktop):

I. Home page:



This is my home page. It contains header, footer and section part. In header section there is a logo (Created from logomaker.com) and my title name. when the cursor is hover over the logo the logo gets enlarged and when cursor over name it gets flipped by 360 degree. In a section portion I added a simple navigation div with the link to other pages. The navigation link are aligned to the right side of its div. I have added a four simple background image (wpaperhd, 2015) which transits continuously and short well-come message below navigation div. I have added three div on one row which displays the image with in the section. When cursor is hover over the image a semi-transparent blue coloured slider is appeared vertically upward with the navigation link on it. When the linked is clicked the page will moved to respective navigation page. In footer part I have mention the contact information as well as the social links which will make the people easier for connecting with me. The social gets enlarged when cursor is hovered on it. I combined my two favourite colour using gradient property in CSS for the background colour of header and footer.

II. CV page



My CV page is simple as it contains the information about me. The header footer and navigation part are kept same as that of the home page so that people will not be confused while navigating from one page to another. In the section portion I have made the division for the title of my page. Below that division I added my picture along with my full name. When the cursor is hover on my picture the shadow appears. I created one div below that and inside that div I created five extra div for the collection of information. I categorised my information separately in separate div. For the background colour of the section I added the colour combination. Instead of using the default font family I imported the font family form Google font.

III. Bio page:



This is my Biography page. It contains my short biography along with my full image. In this page I have created one main div and inside that I created two more div in the row one for the biography and another for the image. I have used the html 5 tag aside for the image. There is no more feature on this page as it is a simple biography page.

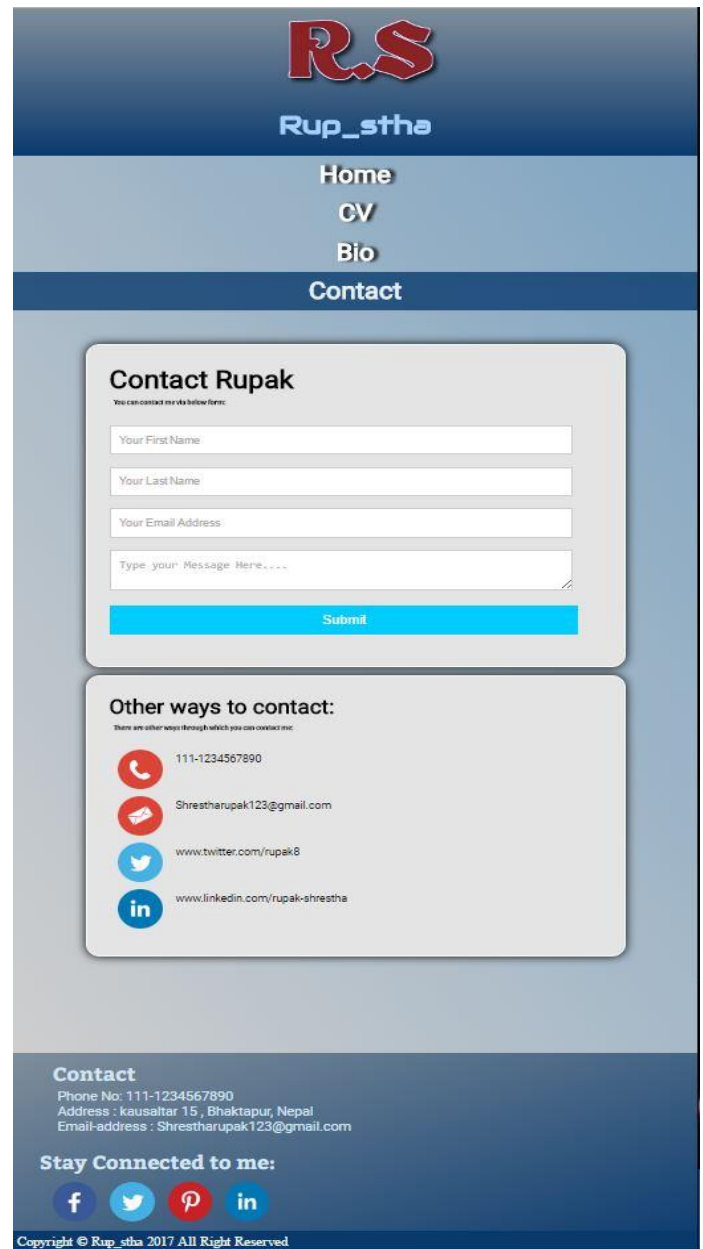
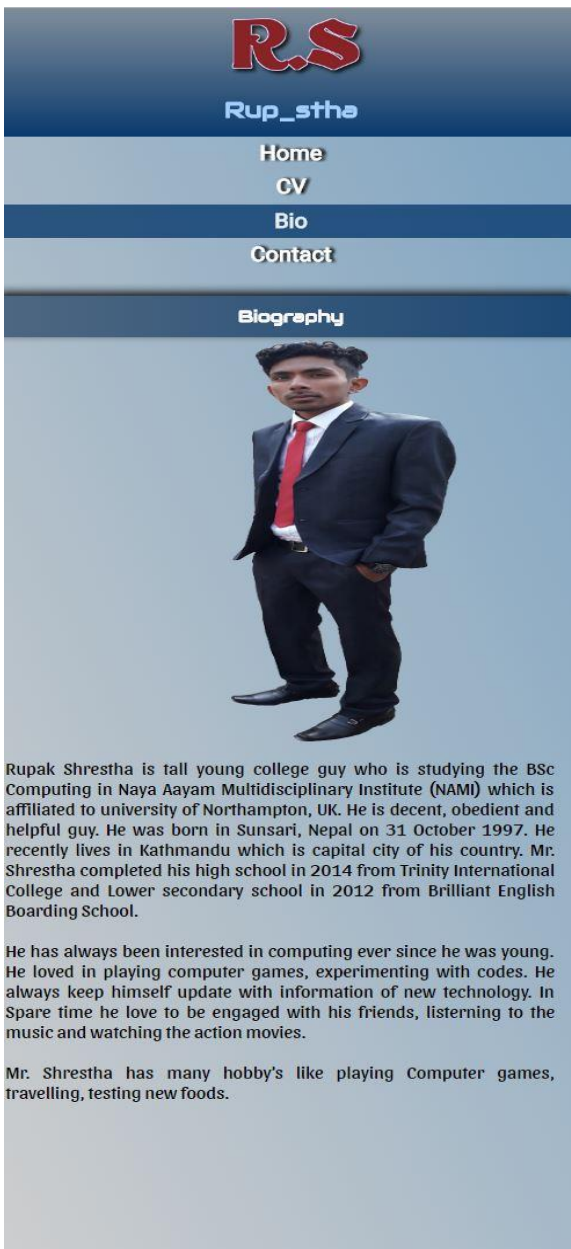
IV. Contact page

The screenshot shows a contact page for 'Rup_stha'. The header features the 'R.S' logo and the text 'Rup_stha'. Navigation links for 'Home', 'CV', 'Bio', and 'Contact' are present, with 'Contact' being the active page. The main content area is divided into two columns. The left column, titled 'Contact Rupak', contains a form with fields for 'Your First Name', 'Your Last Name', 'Your Email Address', and a text area for 'Type your Message Here.....', followed by a blue 'Submit' button. The right column, titled 'Other ways to contact:', lists alternative contact methods: a phone number (111-1234567890), an email address (Shrestharupak123@gmail.com), a Twitter link (www.twitter.com/rupak8), and a LinkedIn link (www.linkedin.com/rupak-shrestha). The footer includes contact details (Phone No: 111-1234567890, Address: kausaltar 15, Bhaktapur, Nepal, Email-address: Shrestharupak123@gmail.com), social media icons for Facebook, Twitter, Pinterest, and LinkedIn, and a copyright notice: 'Copyright © Rup_stha 2017 All Right Reserved'.

My contact page contains of two part. People can contact me through the contact form or contact me directly through the contact information which are listed on the right div along with the related icon. For contacting me through form all items like first name, last name email address and message all are required. People can also contact with me with the social links which are listed in the footer in form of icons. I made the form little curve on the edge so that it would look a bit attractive and I also added the shadow in the form which made them good looking. In over all the contact page is also simple.

3.2. My personal website (Mobile):





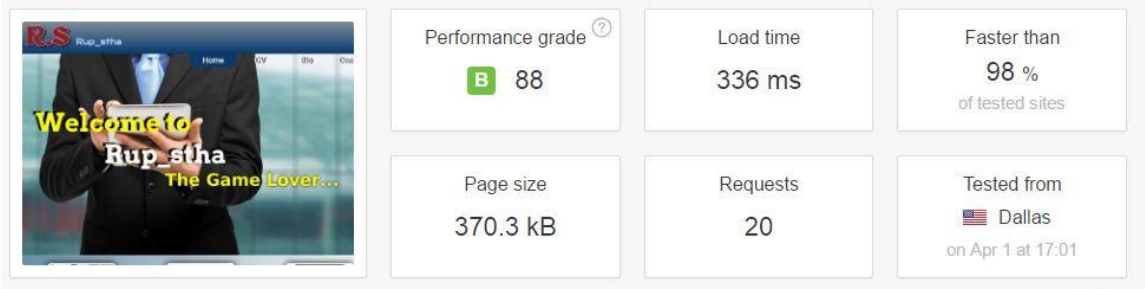
These are the responsive design of my personal website. It contains all page i.e. Home, CV, Bio and Contact in the mobile view. All contain in mobile view are same as that of desktop view only the change is in alignment of content. The content are aligned in the column so that it will be easier to view the content in the mobile. Another change in the mobile view is that the background image of body will not be changed. The background image is constant with its first image. The font size and dimension of the images are decreased in the proportion ratio to make the webpage effective.

4. Evidence of good practice.

I. Website speed test:

The performance speed plays important role in reliability and usability of website. It is very important to ensure that the website can load as fast as possible. I tested home page of my website using pingdom.com and result mate my expectation. The loading time of my website is 336 ms and performance grade is 88 out of 100 and it is also 98% faster than other tested site.

Summary



II. Navigation:

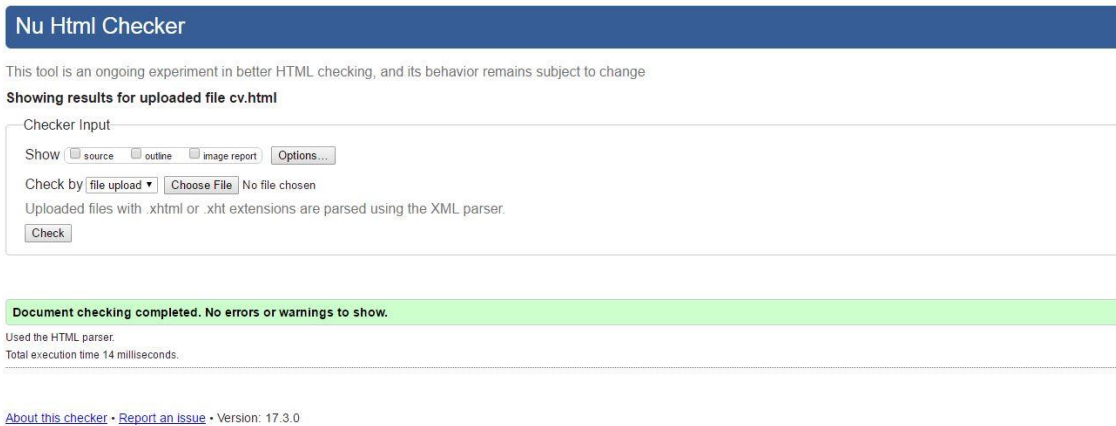
It is very good practice of including the navigation system in the website. It will help the user to navigate form one page to another page easily. I have also kept the navigation system below the header in all the page so that page visitor can see it easily and visit all the pages using the navigation links.

III. Responsive design:

Responsive design is one of best practices. Now a days people prefer using the small portable gadgets such as mobile, tablet, iPad etc. rather that the huge desktop so, keeping that on mind I made the website responsive and useable for both mobile and desktop.

5. Validation of HTML and CSS

For creating the good website it is very much important of using the valid elements of HTML and CSS. In my website I have also checked the validation of HTML and CSS file using W3 Markup validator service and W3 CSS Validator.



Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change.

Showing results for uploaded file cv.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 14 milliseconds.

[About this checker](#) • [Report an issue](#) • Version: 17.3.0

Fig: Validation result of cv.html file.



W3C The W3C CSS Validation Service
W3C CSS Validator results for cv.css (CSS level 3)

Jump to: [Warnings \(9\)](#) [Validated CSS](#)

W3C CSS Validator results for cv.css (CSS level 3)

Congratulations! No Error Found.

This document validates as [CSS level 3](#) !

Fig: Validator result of cv.css file.

6. Conclusion

In Conclusion, my CV portfolio is simple as I have developed it using html5 and CSS3 properties only. It is responsive and can be viewed in two different way i.e. Desktop and mobile. It took approximately 30 hours for me to complete my assignment. The tutor lecture as well as module contents were very much helpful for me while developing the website. While creating the website I also understood the properties of the different html and CSS element in detail. I have followed some good practice which helped me making my website user friendly. I have also used the material design which helped in making the website attractive. In future I have thought to create the real time website after learning the other higher scripting language like javascript, php etc.

References:

- w3school. 1999. *CSS3 Animation*. [ONLINE] Available at: https://www.w3schools.com/css/css3_animations.asp. [Accessed 29 March 2017].
- w3school. 1999. *CSS3 Shadow Effects*. [ONLINE] Available at: https://www.w3schools.com/css/css3_shadows.asp. [Accessed 29 March 2017].
- Wpaperhd 2015. *Network Marketing Wallpaper*. [ONLINE] Available at: <https://www.wpaperhd.com/wallpaper/business/network-marketing/K5q8>. [Accessed 28 March 2017].
- Google Fonts. 2013. *Anton*. [ONLINE] Available at: <https://fonts.google.com/specimen/Anton>. [Accessed 31 March 2017].
- Tom's Webspaces. 2015. *78 Minimalist Social Media Icons (Round)*. [Online] Available at: <http://tomswebpace.com/round-social-media-icons/>. [Accessed 24 March 2017].
- Joel.sh. 2015. Curriculum Vitae. [ONLINE] Available at: <https://joel.sh/cv>. [Accessed 31 March 2017].