



Internet and Web Programming

CSE3002

Digital Assignment 1(Theory)

Slot: G2+TG2

Name: Kulvir Singh

Register Number: 19BCE2074

Topic: Develop Personal Portfolio

- Create a personal webpage using HTML5, CSS and JS. Commit every change in this GitHub Repository.
- Write down the step-by-step process for creating the personal webpage and deployment in GitHub Pages.
- Write down the 10 points you learned during the creation of this webpage.
- Write down why everyone needs a personal webpage.
- Deploy your personal webpage in GitHub pages (Github.io), share your website link, code and Screenshots.

Link to the website

<https://kulvir06.github.io/Portfolio/>

Source Code Repository :

https://github.com/JayakumarClassroom/fs_21_22_cse3002_eth_g2_iwp-kulvir06/tree/main/Digital%20Assignment%20-%201#topic-develop-personal-portfolio

Or

<https://github.com/kulvir06/Portfolio>

Step by Step Process

First step to create the website was to define the html structure of the webpage. The sections and divs were defined and named. The entire html was then added with the contents. After adding the contents and materials of the website, the back bone was created.

Second step was to add javascript to the website. The buttons created in the html were added with an onclick function. The functions were defined as a part of the external javascript file. The functions were made to open the link for the given subject in a different tab. Window.open function was used and the basic html page was given some functionality.

Third step was to beautify the basic looking website. The css file was created and various styling components were added. The scroll bar was also modified. Ultimately the external css was added to the html code.

Finally the deployment of the website was left. I created a public website in github - <https://github.com/kulvir06/Portfolio> -. After adding the 3 code files (html, css, javascript), i went to the settings tab of the repo and clicked on the pages option (<https://github.com/kulvir06/Portfolio/settings/pages>). Then i selected the deploy main branch option and the website was deployed on github pages.

Website - <https://kulvir06.github.io/Portfolio/>

Important Learnings :

1. The importance of a Portfolio website for a computer science student. It's a summary of your resume and can attract various opportunities.
2. Proper structuring of HTML contents into grids and divs
3. Proper naming of the html elements is required to ease out the styling
4. Proper knowledge of css is required to make a basic looking website into a visually appealing one.
5. I learnt the process to animate and modify the scroll bar
6. I learnt about the addition of various icons and buttons
7. I learnt about certain javascript functions that can help the user to open the link in a new tab rather than disturbing the existing page.
8. Portfolio websites can also be a good practise exercise for students.
9. Deployment of a project in github pages is just a click of buttons
10. Every static website can be deployed for free under the github domain name.

Why should one have a personal website ?

- 1) It's a concise form of your resume. It allows the world to know what you are doing and how skilled you are easily.
- 2) It increases the reach of your craft, hence increases the chance of you landing a job
- 3) It gives you an edge and a competitive advantage. You are able to tell the world how much you are learning and can see your competition for the same and work accordingly.
- 4) It is a platform to express your creativity
- 5) A personal website is more informative and fun to go through rather than a resume as it's dynamic and can attract a lot of startups attention.

Code :

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="mystyle.css">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Kulvir Singh</title>
</head>
<body>

<section id="welcome-section">
    <div id="welcome-section-text">
        <h2>I'm</h2>
        <h1>Kulvir Singh</h1>

        <h2>Web Developer</h2>
        <h4>Determined and committed web developer with a hunger to code
and learn.</h4>
    </div>
</section>
<section id="experience">
```

```
<p id="project-title">Experience</p>
<div class="grid-container">
    <div class="grid-item"><br>
        <button class="btn" onclick="tatasteel()"><label
for="">Tata Steel Ltd</label></button>
        <p>SDE Intern<br><i>July 2021</i></p>
    </div>

    </div>
    <div class="grid-item"></a><br>
        <button class="btn" onclick="wemotive()"><label
for="">WeMotive Tech Forge</label></button>
        <p>Backend Technologies Intern<br><i>Jan 2021 - March
2021</i></p>
    </div>

    <div class="grid-item"><br>
        <button class="btn" onclick="stc()"><label
for="">Student Technical Community</label></button>
        <p>Backend Web Developer<br><i>2019-2020</i></p>
    </div>

    </div>
</div>

</section>
<section id="projects">
    <p id="project-title">Projects</p>
```

```
</a>
<button class="btn" onclick="dbms()"><label for="jobs">Coaching
Center Data Management System</label></button><br>
</a>
<button class="btn" onclick="taskmanager()"><label for="form">Task
Manager</label></button> <br>
</a>
<button class="btn" onclick="covid()"><label for="pro">Covid 19
Tracker</label></button>
</section>
<section id="contact">
<h3>Let's develop together...</h3>
<h4>Its always fun to work with someone. Want to develop or dance
together?<br> Hit me up!</h4>

<div class="contact-links">
<a
    href="https://www.linkedin.com/in/kulvir-singh-306502196/">
        <img
            class="contact-details"
            alt="LinkedIn logo" width="100" height="100"/>
    <a
        href="https://github.com/kulvir06">

```

```
    class="contact-details"
    >>GitHub</a>
    >
    <a
        id="profile-link"      href="https://www.instagram.com/kulvir0_6/"
        class="contact-details" target="_blank"
        > Instagram</a>

    </div>
</section>
<script src="index.js"></script>
</body>
</html>
```

Mystyle.css

```
@import
url('https://fonts.googleapis.com/css?family=Poppins:200i,400&display
=swap');
@import
url('https://fonts.googleapis.com/css2?family=Domine&family=Roboto&di
splay=swap');
body{
    max-width:100%;
    padding: 0;
    margin: 0px;

}

.btn {
    background-color: transparent;
    color: white;

}

#welcome-section{
    background-image:linear-gradient(rgba(0, 0, 0, 0.6), rgba(0, 0, 0,
0.6)),
url(https://thumbs.gfycat.com/ThirstyBabyishHusky-size_restricted.gif
);
    background-attachment:fixed;
    background-position:center;
    background-size:cover;
    color: white;
    width:100%;

    height:100vh;
margin-top:-1.04vw;

    display: flex;
    text-align:center;
```

```
flex-direction: column;
justify-content: center;
align-items: center;

}

h1 {
    font-family:poppins;
    font-size: 9vw;
    padding: 0px;

}

h2 {
    font-family:domine;
    font-size: 4vw;
}

h4 {
    font-family:domine;
    font-size: 2vw;
}

#experience{

background-image:url(https://www.teahub.io/photos/full/288-2885603_synthwave-wallpaper-gif.gif);
background-attachment:fixed;
background-position:center;
background-size:cover;

color: white;
width:100%;

display: flex;
text-align:center;
flex-direction: column;
justify-content: center;
align-items: center;
padding:0px 0px 4vw 0px;
}

#projects{
```

```
background-image:url (https://i.pinimg.com/originals/fe/5c/26/fe5c26a1  
6c454ac9d24bc9365f2ba023.gif);  
background-attachment:fixed;  
background-position:center;  
background-size:cover;  
  
color: white;  
width:100%;  
  
display: flex;  
text-align:center;  
flex-direction: column;  
justify-content: center;  
align-items: center;  
padding:0px 0px 4vw 0px;  
}  
  
#project-title{  
font-family:poppins;  
font-size: 4vw;  
  
}  
  
.project-tile{  
max-width:55%;  
height:auto;  
  
}  
.project-tile:hover{  
max-width:57%;  
box-shadow: 0 16px 20px 0 rgb(0, 0, 0);  
transition-duration: 0.5s;  
  
}  
  
label{  
font-family:domine;  
font-size:2vw;  
padding:2vw 0px 4vw 0px;
```

```
}

#contact{
background-image:linear-gradient(rgba(0, 0, 0, 0.6), rgba(0, 0, 0, 0.6)),
url (https://www.pixelstalk.net/wp-content/uploads/2016/06/HD-Download-Gif-Images.gif);
background-attachment:fixed;
background-position:center;
background-size:cover;
color: white;
width:100%;
height:110vh;
display: flex;

text-align:center;
flex-direction: column;
justify-content: center;
align-items: center;

}

.contact-links {
display: flex;
flex-direction:row;
justify-content: center;
width: 100%;
max-width: 980px;
margin-top: 4rem;

}

.contact-details {
color:white;
font-family:roboto;
text-decoration:none;
font-size: 3.11vw;
padding:0px 2vw;
transition-duration:0.3s;
```

```
}

.contact-details:hover {
  text-shadow: .5vw .5vw .4vw #000;
  transform: translateY(8px);
}

h3{
  font-family:domine;
  font-size:5.7vw;
  padding:0px;
}

header{
  background-color: rgb( 250, 0, 0);
  position: sticky;
  top: 0;
  margin:0;
  height:auto;
  padding: 0vw 0px 1vw 0px;

  display: flex;

}

@media screen and (max-width: 525px) {
  h1{
    font-size:14vw;
  }
  h2{
    font-size:8vw;
  }
  h3{
    font-size:9vw;
  }
}
```

```
}

#project-title{
    font-size:7vw;
}

.project-title{
    max-width:85%;
}

label{
    font-size:4.5vw;
}

.contact-links{
    flex-direction:column;
}

.contact-details{
    font-size:7vw;
    padding: 3vw 0px;
}

.nav-link{
    font-size:4vw;
}

}

.grid-container {
    display: grid;
    grid-template-columns: auto auto auto;
;

    padding: 10px;
}

.grid-item {

    padding: 20px;
    font-size: 30px;
    text-align: center;
}
```

```
::-webkit-scrollbar{  
    width:10px;  
  
}  
  
::-webkit-scrollbar-track{  
    background-color: #000;  
}  
::-webkit-scrollbar-thumb{  
    background-color: #ddd;  
    border-radius: 5px;  
    transition-duration: 0.5s;  
}  
::-webkit-scrollbar-thumb:hover{  
    background-color: #fff;  
    border-radius: 0px;  
}
```

Index.js

```
function tatasteel(){  
    window.open("https://www.tatasteel.com/", "_blank");  
}  
  
function wemotive(){
```

```
window.open("https://wemotiveforge.com/", "_blank");
}

function stc() {
    window.open("https://stcvit.in/", "_blank");
}

function dbms() {
    window.open("https://github.com/kulvir06/DBMS-Project", "_blank");
}

function taskmanager() {

window.open("https://github.com/kulvir06/trello-like-app", "_blank");
}

function covid() {
    window.open("https://github.com/kulvir06/Covid-19-STC", "_blank");
}
```

Screenshots

kulvir06.github.io/Portfolio/

I'm

Kulvir Singh

Web Developer

Determined and committed web developer with a hunger to code and learn.

kulvir06.github.io/Portfolio/

Experience

TATA STEEL
Tata Steel Ltd
SDE Intern
July 2021

WeMotive Tech Forge
Backend Technologies Intern
Jan 2021 - March 2021

Microsoft

