### **Assignment 3**

**Aim:** Develop a web page using the Bootstrap framework. Grid system, Forms, Button, Navbar, Breadcrumb, Jumbotron should be used.

**Theory:** Bootstrap is a popular front-end framework developed by Twitter. It provides a set of tools, components, and styles that make it easier to create responsive and visually appealing websites and web applications. Bootstrap utilizes a combination of HTML, CSS, and JavaScript to create consistent and mobile-first designs.

Some key features of Bootstrap are:

- Responsive Grid System: Bootstrap's responsive grid system allows developers
  to create flexible and responsive layouts that adapt to various screen sizes and
  devices. The grid system is based on a 12-column layout structure that can be
  customized for different breakpoints.
- Pre-designed Components: Bootstrap comes with a wide range of predesigned UI components such as navigation bars, buttons, forms, modals, carousels, and more. These components can be easily integrated into your project, saving time and effort.
- Typography and Styling: Bootstrap includes typography styles, headings, and text utilities that help maintain consistency and readability across the website. It also offers a variety of contextual classes for styling elements like buttons, alerts, and badges.
- 4. **CSS and JavaScript Plugins:** Bootstrap provides a collection of CSS and JavaScript plugins that enhance the functionality and interactivity of your website. Examples include dropdowns, modals, tooltips, popovers, and more.
- 5. **Responsive Utilities:** In addition to the grid system, Bootstrap offers responsive utility classes that allow you to control the visibility, spacing, and alignment of elements based on screen sizes.
- 6. **Customization:** Bootstrap is highly customizable. Developers can use Bootstrap's extensive set of variables to customize colours, typography, and other design aspects to match the project's branding and style.
- 7. **SASS Support:** Bootstrap can be customized using SASS (Syntactically Awesome Stylesheets), a popular CSS preprocessor. This feature allows for more advanced customization and easier management of styles.
- 8. **Browser Compatibility:** Bootstrap is designed to work across various modern browsers and devices, ensuring a consistent experience for users.
- Community and Documentation: Bootstrap has a large and active community
  of developers who contribute to its development and provide support. The official
  documentation is comprehensive and user-friendly, making it easy to get started
  and find solutions to common problems.
- 10. **Accessibility:** Bootstrap strives to be accessible, providing features and guidelines for creating websites that can be used by people with disabilities.

## **Snapshots of code and output:**

```
index - Notepad
File Edit Format View Help
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        - 0
<!doctype html>
chtml lang="en">
cheal lang="en">
cheads
<!-- Toggired meta tags -->
cmata charact="ut-6">
cmata name="vlemport" content="width=device-width, initial-scale=1">
c!-- Bootstrap CSS -->
clink

clink
https://cdm.jsdelivr.net/npm/bootstrapg5.0.2/dist/css/bootstrap.min.cis"
rel="stylesheet" lategrity="shal84-
tySTOM3/approlatmanQogp).lm0Mao8YzistcQTsFspd3y063VehhpuxCMs.A5jC*
crossorigin="anonymous">
civilasPorfile(/titlas
<//heads</pre>
ctitle>Porfile</title>

chead>
cbody>
Onev class="nevber-expand-lg nevber-light bg-light">
cdv class="container-fluid" )

ca class="nevber-brand" herf-"P">Porfile</a>
cbutton class="nevber-toggler" type="button" data-bs-toggle="collapse"
data-bs-torget="#nevberHev" erla-controls="nevberHev" erla-expanded="forfile="loggle-nevigetion">
cspan class="nevber-toggler-icon"></span>

cspan class="nevber-toggler-icon"></span>

cfutton>
cdiv class="nevber-toggler-icon"></span>

cdiv class="nevber-nev">
cal class="nevber-nev">
cal class="nevber-nev">
cal class="nevber-nev">
cal class="nevber-likk active" aria-current="page" herf="B">Pibisso</a>

(/la)
c/lil
class="nev-item">
(/II)
di class="nav-ltem")
ca class="nav-link" hmef="#">Skillsc/a>
(/II)
ca class="nav-link" hmef="cuntact.html">Contact Usc/a>
ca class="nav-link" hmef="cuntact.html">Contact Usc/a>
 </115
  c/uls
Index - Notepad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       - 0
 </div>

cing isc="row-2">
cing isc="Profile.jpg" alt="Profile-image" width="200px" height="200px"
border-radius="50">

c/div>
c/div>
c/diva
c/diva
c/diva
c/diva
c/diva
container" utyle="margin-top: 2em; margin-bottom: 4em;
width= 2000-">

  </d19>
cefv class-"container" style-"mangin-top: Zem; margin-bottom: 4em; width:780; 75 .

02 style-"padding-bottom: 1.5rem; text-align:center;">About mer/hZ>
copArtimesh is a pre-final year student at Thadomal shahani engineering college. He has seried with MSBC as an analyst, where he played the role of a data engineer. He worked on a software like data visualization. He hold a degree in information Technology:

/dus
class-"container"

  cdiv class-"container">
cdiv class="container")

eN style="mangin-bettom: lam;">Skills(/h2)

eNv class="accordion accordion-flush" ld="accordionflushExample")

eNv class="accordion-stam",

eN class="accordion-beader" id="flush-headingOne")

enutro class="accordion-buttom collapsed" type="buttom" data-bstoggle="collapse" data-bs-target="#flush-collapseOne" aria-expanded="false"

aria-controls="flush-collapseOne")
 Unguages

</p
```

```
The fair Forms Vew Help
Testian Format Vew Help
Testian Format Vew Help

(**Pattern** Cases***accordin**-Sep****placeholder** content for this accordine,
call class***accordin**-Sep***placeholder** content for this accordine,
call class***accordin**-Sep***placeholder** content for this accordine,
call class***carefun**-Sep***placeholder** content for this accordine,
call class*** accordin**-Sep***placeholder** content for this accordine,
call class*** accordin**-Sep***placeholder** content for this accordine,
call class** for this is instanced to decentrate the codes one content for this accordine,
call class** for this content, but just failling up the space to make it look, at least at
first glance, a bit more representative of how this would look in a real world
application**(Alivo**
(Adivo**
(Adivo***
(Adivo***
(Adivo***)
(Adivo***
(Adivo***)
(Adivo***
(Adivo***
(Adivo***
(Adivo***
(Adivo***
(Adivo***
(Adivo***
(Adivo***
(Adivo***
(Adivo**
(Adivo***
(Adivo***
(Adivo**
(Adivo*
(Adivo**
(Adivo*
(Adi
```

```
cdiv class="card-body">
cdiss="card-body">
card-body">
c
```

```
contact - Noteped
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      - 0 ×
 coreat Notemed

File tolk Former Vine Help

(Idochype html)

(cheal)

(i- Kequired meta tags -->

cmeta charate"uff-8">

cheal>

(i- Soquired meta tags -->

cmeta name-"vlesport" content="seldth=device-width, initial-scale=1">

(i- Sootstrap CSS -->

(i-sk
     eltsk
  <iink
href-"https://cdm.jsdellvw.net/npm/bootstrapg5:0.2/dist/css/bootstrap.wln.css"
rel="stylesheet" integrity="shal84-
EVSTQM/arpvGlAmsQOgp1LimSHasdFrittcQTwFspHJyU65VohnpuxClmLA5jC"
crossorigin="amonymus">
<title>contactc/title>
     </head>
     cbady>
<100CTYPE html>
  clDCCTPVE html)
chamil lange"an's
cmad)
owto charset="UIF-8"s
owto http-equive"E-UA-Compatible" content="TE-edge";
owto http-equive"E-UA-Compatible" content="TE-edge";
owto name="viewport" content="width-davice-width, initial-scale=i.8"s
click close-Commerce | Sign Upr/titles
click rel="stylesheet" href="dist/css/bootstrap.wim.css";
click rel="stylesheet" href="https://cdm.jsdelive.net/npm/bootstraplcons#1.18.5/font/bootstrap-icons.css";
c/heads
 clink rel="stylesheet" Nref="https://com.jsmei.vnet/npar/com/stylesheet" (/headic c/headic c/
  cypar class="never-lead"
cybuttons
cdiv class="collapse nevber-collapse" id="nevberHev">
cul class="nevber-nev">
cul class="nevber-nev">
cul class="nev-item">
  contact - Notepad
    </11>
  c/li>
class="nav-ltem"y
ca class="nav-ltem"y
ca class="nav-ltem";
cll class="nav-ltem";
ca class="nav-ltem";
ca class="nav-ltem";
collass="nav-ltem";

<
cml>Contact Mec/ml>
cl class="bl bi-deephone" style="display: block;"> +91 9326211146<//d>
cl class="bl bi-deephone" style="display:
block;"> selmesh.nparab@gmall.come/li>
class="bl bi-liMeedin" style="width: 12px;
helght:15px">
cl class="bl bi-dithub" style="width: 12px; helght:15px">
cl class="bl bi-dithub" style="width: 12px; helght:15px">
cl class="bl bi-dithub" style="width: 12px; helght:15px">
cl class="bl bi-dithub" style="width: 12px; helght:15px">
c/div>
     </div>
<div class="cni-6">
  cdiv class" dni-0" c

cdiv class" fore-group mb-2" c

clabel for-firstname" class="fore-label")First

Hame(/label)

sinput type="text" id="firstname" class="fore-control"

placeholder="lobe";
     c/dIvx
```

```
contact - Notepad
```

```
File Edit Format View Help
height:15px"></i>
</div>
<div class="col-6">
<form action="">
<div class="form-group mb-2">
<label for="firstname" class="form-label">First
Name</label>
<input type="text" id="firstname" class="form-control"</pre>
placeholder="John">
</div>
<div class="form-group mb-2">
<label for="lastname" class="form-label">Last
Name</label>
<input type="text" id="lastname" class="form-control"</pre>
placeholder="Doe">
</div>
<div class="form-group mb-2">
<label for="email" class="form-label">Email</label>
<input type="email" id="email" class="form-control"</pre>
placeholder="xyz@gmail.com">
</div>
<div class="mb-3">
<label for="feedback" class="formlabel">feedback</label>
<textarea class="form-control" id="feedback" rows="3"</pre>
placeholder="Write something here"></textarea>
</div>
<div class=" d-grid col-6 mx-auto">
<button class="btn btn-outline-primary "</pre>
type="submit">Submit</button>
</div>
</form>
</div>
</div>
<br >
ches
<footer>
<center>
Copyright © Designed by Animesh Parab
</footer>
<script src="dist/js/bootstrap.min.js"></script>
</body>
</html>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min
.js" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/twtIaxVXM"
crossorigin="anonymous"></script>
</body>
</html>
```

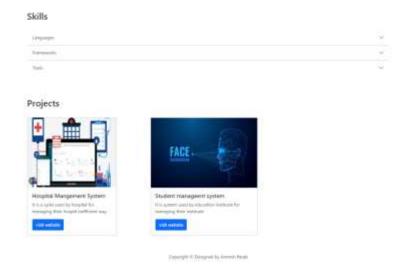
Porfile Home Skills Comset Us

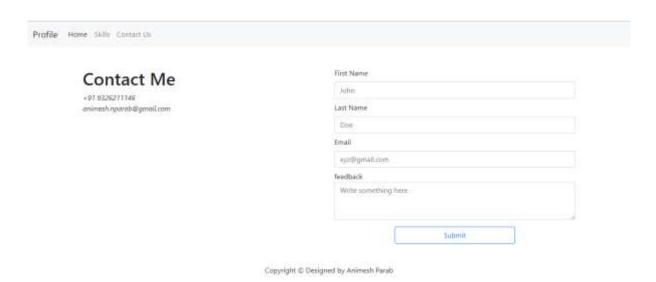
# Hello, Hii Animesh Parab Software Developer

Profile-image

### About me

Animeth is a pre-final year student at Thadomal shahani engineering college. He has worked with HSBC as an analyst, where he played the role of adata engineer. He worked on a software like data visualization. He hold a degree in Information Technology.





#### Conclusion:

Bootstrap is a powerful tool that simplifies web development by providing a ready-touse set of components and styles. It empowers developers to create professionallooking and responsive websites efficiently. Understanding the key features of Bootstrap and its application in creating responsive layouts is essential for modern web development. With a supportive community and thorough documentation, Bootstrap remains an indispensable tool for enhancing both the efficiency of development and the overall quality of user interaction.