## **Navbar with Bootstrap**

* You can use the Bootstrap navbar component to create responsive navigation header for your website or application.
* These responsive navbar will be collapsed on devices having small viewports like mobile phones but expand when user click the toggle button.
* However, it will be horizontal as normal on the medium and large devices such as laptop or desktop.
* You can also create different variations of the navbar such as navbars with dropdown menus and search boxes as well as fixed positioned navbar with much less effort.
* The following example will show you how to create a simple static navbar with navigation links.
* A navigation bar is a navigation header that is placed at the top of the page:

## **Basic Navbar**

With Bootstrap, a navigation bar can extend or collapse, depending on the screen size.

A standard navigation bar is created with the .navbar class, followed by a responsive collapsing class: .navbar-expand-xxl|xl|lg|md|sm (stacks the navbar vertically on xxlarge, extra large, large, medium or small screens).

To add links inside the navbar, use either an <ul> element (or a <div>) with class="navbar-nav". Then add <li> elements with a .nav-item class followed by an <a> element with a .nav-link class:

<!-- A grey horizontal navbar that becomes vertical on small screens -->  
<nav class="**navbar navbar-expand-sm** bg-light">  
  
  <div class="container-fluid">  
    <!-- Links -->  
    <ul class="**navbar-nav**">  
      <li class="**nav-item**">  
        <a class="**nav-link**" href="#">Link 1</a>  
      </li>  
      <li class="**nav-item**">  
        <a class="**nav-link**" href="#">Link 2</a>  
      </li>  
    </ul>  
  </div>  
</nav>

## 

## **Vertical Navbar**

**Remove the .navbar-expand-\*** class to create a navigation bar that will always be vertical:

<nav class="navbar bg-light">  
  ...  
</nav>

## 

## **Centered Navbar**

**Add the .justify-content-center** class to center the navigation bar:

<nav class="navbar navbar-expand-sm bg-light **justify-content-center**">  
  ...  
</nav>

## 

## **Colored Navbar**

Use any of the .bg-color classes to change the background color of the navbar (.bg-primary, .bg-success, .bg-info, .bg-warning, .bg-danger, .bg-secondary, .bg-dark and .bg-light)

**Tip:** Add a **white** text color to all links in the navbar with the .navbar-dark class, or use the .navbar-light class to add a **black** text color.

## Active/disabled state:

## Add the .active class to an <a> element to highlight the current link, or the .disabled class to indicate that the link is un-clickable.

## **Brand / Logo**

The .navbar-brand class is used to highlight the brand/logo/project name of your page:

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">  
  <div class="container-fluid">  
    <a class="**navbar-brand**" href="#">Logo</a>  
  </div>  
</nav>

## **Adding Logo Images to Navbars**

You can also place your logo image inside the navbar, instead of plain text. However, you need to set the logo height manually to fit it properly inside the navbar, as shown here:

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">  
  <div class="container-fluid">  
    <a class="**navbar-brand**" href="#">  
      <img src="logo.png" alt="Avatar Logo" style="width:40px;" class="rounded-pill">   
    </a>  
  </div>  
</nav>

## 

## **Navbar Text**

Use the .navbar-text class to vertical align any elements inside the navbar that are not links (ensures proper padding and text color).

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">  
  <div class="container-fluid">  
    <span class="**navbar-text**">Navbar text</span>  
  </div>  
</nav>

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**Collapsible Navbar**

Very often, especially on small screens, you want to hide the navigation links and replace them with a button that should reveal them when clicked on.

To create a collapsible navigation bar, use a button with class="navbar-toggler", data-bs-toggle="collapse" and data-bs-target="#thetarget". Then wrap the navbar content (links, etc) inside a <div> element with class="collapse navbar-collapse", followed by an id that matches the data-bs-target of the button: "thetarget".

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">  
  <div class="container-fluid">  
    <a class="navbar-brand" href="#">Logo</a>  
    <button class="navbar-toggler" type="button" **data-bs-toggle="collapse"** **data-bs-target="#collapsibleNavbar"**>  
      **<span class="navbar-toggler-icon"></span>**    </button>  
    <div class="**collapse navbar-collapse**" id="**collapsibleNavbar**">  
      <ul class="navbar-nav">  
        <li class="nav-item">  
          <a class="nav-link" href="#">Link</a>  
        </li>  
        <li class="nav-item">  
          <a class="nav-link" href="#">Link</a>  
        </li>  
        <li class="nav-item">  
          <a class="nav-link" href="#">Link</a>  
        </li>  
      </ul>  
    </div>  
  </div>  
</nav>

## **Navbar With Dropdown**

Navbars can also hold dropdown menus:

   <nav class="navbar navbar-expand-sm bg-dark navbar-dark">

        <div class="container-fluid">

          <a class="navbar-brand" href="#"><img class="rounded-pill" width="50" src="s.png"></a>

          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#collapsibleNavbar">

            <span class="navbar-toggler-icon"></span>

          </button>

          <div class="collapse navbar-collapse" id="collapsibleNavbar">

            <ul class="navbar-nav">

              <li class="nav-item">

                <a class="nav-link" href="#">Link 1</a>

              </li>

**<li class="nav-item dropdown">**

**<a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown">Dropdown</a>**

**<ul class="dropdown-menu">**

**<li><a class="dropdown-item" href="#">Link 1</a></li>**

**<li><a class="dropdown-item" href="#">link 2</a></li>**

**<li><a class="dropdown-item" href="#">link 3</a></li>**

**</ul>**

**</li>**

              <li class="nav-item">

                <a class="nav-link" href="#">Link 2</a>

              </li>

            </ul>

          </div>

        </div>

      </nav>

## 



## **Fixed Navigation Bar**

* The navigation bar can also be fixed at the top or at the bottom of the page.
* A fixed navigation bar stays visible in a fixed position (top or bottom) independent of the page scroll.
* The .fixed-top class makes the navigation bar fixed at the **top**:

<nav class="navbar navbar-expand-sm bg-dark navbar-dark **fixed-top**">  
  ...  
</nav>

Use the .fixed-bottom class to make the navbar stay at the **bottom** of the page:

<nav class="navbar navbar-expand-sm bg-dark navbar-dark **fixed-bottom**">  
  ...  
</nav>

Use the .sticky-top class to make the navbar fixed/stay at the **top** of the page when you scroll **past** it. **Note:**This class does not work in IE11 and earlier (will treat it as position:relative).

<nav class="navbar navbar-expand-sm bg-dark navbar-dark **sticky-top**">  
  ...  
</nav>