

## Way to create personal website:

### Create Navigation bar:

Links for changing the active class in navigation bar:

[https://www.w3schools.com/howto/tryit.asp?filename=tryhow\\_js\\_active\\_element](https://www.w3schools.com/howto/tryit.asp?filename=tryhow_js_active_element)

Links for transparent navigation bar:

<https://mdbootstrap.com/snippets/jquery/ascensus/1727054#css-tab-view>

Index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-+0n0xVW2eSR50omGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOO17+AMvyTG2x" crossorigin="anonymous">
    <link rel="stylesheet" href="./style.css" />
    <title>Personal Website</title>
  </head>
  <body>

<div class="header">
  <div class="menu-bar" >
    <nav class="navbar fixed-top navbar-expand-lg navbar-light">
      <div class="container-fluid">
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
          <!-- <i class="fa fa-bars"></i>From fontawesome.com -->
          <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarNav">
          <ul class="navbar-nav mx-auto">
            <li class="nav-item">
              <a class="nav-link active" href="#">ABOUT ME</a>
            </li>
            <li class="nav-item">
```

[illegible]

```

<div id="contact">
  <h3>contact</h3>
</div>

<!--JAVA SCRIPT FILES-->
<script src="app.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/js/bootstrap.bundle.min.js" integrity="sha384-gtEjrD/SeCtmISkJKNUaakMoLD0//ElJ19smozuHV6z3Iehds+3U1b9Bn9Plx0x4" crossorigin="anonymous"></script>

</body>
</html>

```

App.js

```

// Add active class to the current button (highlight it)
var header = document.getElementById("navbarNav");
var btns = header.getElementsByClassName("nav-link");
for (var i = 0; i < btns.length; i++) {
  btns[i].addEventListener("click", function() {
    console.log('clicked')
    var current = document.getElementsByClassName("active");
    current[0].className = current[0].className.replace(" active", "");
    this.className += " active";
  });
}

```

Style.css

```

.header .menu-bar .nav-item {
font-size: 1.2em;
margin: 0.8em;
font-family: "Lucida Console", "Courier New", monospace;
}

.header .menu-bar .navbar-toggler{
  background-color: rgb(240, 235, 235);
}

```

```
.header .menu-bar .nav-item a:hover{
  color: #669DB3FF;
}

.header .menu-bar .nav-item .active{
  text-decoration: underline;
  color: #A89C94FF;
}
```

## Text Animation in Pure CSS

Link: <https://www.youtube.com/watch?v=PuOGBacTYAY>

### Style.css

```
.typing::after{
  content: "";
  position: absolute;
  width: 1px;
  height: 5%;
  border-right: 2px solid rgb(10, 9, 9);
  animation: blink 0.5s infinite ease;
}

@keyframes blink {
  0%{
    opacity: 0;
  }
  100%{
    opacity: 1;
  }
}

.typing{
  text-transform: uppercase;
  color: #0d3b4c;
  font-family: Marker Felt, fantasy;
}
```

## Index.html

```
<!-- COVER PAGE -->
<div class="container-fluid img-jmbo">
  <div class="text-sm-center p-5 bg-info text-white">
    <!-- bg-light is background color & p-5 is padding -->
    <h1 class="display-2">HELLO, I AM SHAKTI DEWAN AND</h1>
    <h2 class="display-2">I AM A </h2>
    <h2 class="typing"></h2>
  </div>
</div>
```

## App.js

```
// Add active class to the current button (highlight it)
var header = document.getElementById("navbarNav");
var btns = header.getElementsByClassName("nav-link");
for (var i = 0; i < btns.length; i++) {
  btns[i].addEventListener("click", function() {
    console.log('clicked')
    var current = document.getElementsByClassName("active");
    current[0].className = current[0].className.replace(" active", "");
    this.className += " active";
  });
}

//for changing text animation

const texts = ['web developer','programmer','blogger'] //defining texts
let count = 0; //for above let's start with count 0
//'web developer'=0,'programmer'=1,'blogger'=2
let index = 0; //indexing individual letter array
//w=0,e=1,b=2, =3,d=4,eveloper
let currentText= "";//it will be that selected text at current time, it will change dynamically
let letter = ""; //specifying individual letters

// this function will self invoke that will run immediately. so we add ({}());
(function type(){
  //call directly
  if(count === texts.length){//comparing count to text length which is 3
    count =0; //resetting to zero after running upto 3
    //count will be selector in texts array
    //index will be individual character in texts array
  }
  currentText = texts[count];//indexing of letters. 0 = web developer.
```

```

    letter =currentText.slice(0,++index);//increments letters for e.g it will 0,1,2
,3 and so on on above letters
    //slicing is used to slice letters of word
    // letter = 'w'
    // letter = 'we'
    // letter = 'web'
    // letter = 'web d'

    //now chaning text content of typing class
    document.querySelector('.typing').textContent =letter;
    //check letters length
    if(letter.length === currentText.length){
        count++;
        index = 0;
    }
    setTimeout(type,400);//400 is timeout
}());

```

FOR PROGRESS BAR WITH JAVASCRIPT:

INDEX.HTML

```

<h5>HTML: </h5>
    <div class="progress">
        <div class="progress-bar progress-bar-striped progress-bar-
animated" role="progressbar" aria-valuenow="75" aria-valuemin="0" aria-
valuemax="100" ></div>
        <span>75%</span>
    </div>
    <br>
    <h5>CSS: </h5>
    <div class="progress">
        <div class="progress-bar progress-bar-striped progress-bar-
animated" role="progressbar" aria-valuenow="75" aria-valuemin="0" aria-
valuemax="100"></div>
        <span>65%</span>
    </div>
    <br>
    <h5>JAVASCRIPT: </h5>
    <div class="progress">
        <div class="progress-bar progress-bar-striped progress-bar-
animated" role="progressbar" aria-valuenow="75" aria-valuemin="0" aria-
valuemax="100"></div>

```

```
<span>50%</span>
</div>
```

## CSS

```
/* SKILLS */
/* .progress{

} */

.skills .container .row .col-4 .progress .progress-bar{
  position: relative;
  border-radius: 2px;
  transition: all 1.5s;
  width: 0%;
}

.skills .container .row .col-4 .progress .progress-bar span{
  position: absolute;
  top: 0%;
  right: 0%;
}
```

## APP.JS

```
window.addEventListener('load',()=>{
  let progressBar = document.querySelectorAll('.progress-
bar');//<div class="progress-bar">
  let values = [
    '75%',
    '65%',
    '50%'
  ];
  progressBar.forEach((progress,index)=>{
    progress.style.width = values[index];
  });
})
```

CARD:

Css:

```
/* EDUCATION */

.education{
  margin-top: 4%;
}

/* for image */
.insitute_images {
  margin-left: 10%;
  position: relative;
  width: 100%;
}

.insitute_images .image{
  width: 100%;
  height: auto;
}

.insitute_images .overlay {
  position: absolute;
  bottom: 100%;
  left: 0;
  right: 0;
  background-color: #E4CD05;
  overflow: hidden;
  width: 100%;
  height: 0;
  transition: .5s ease;
}

.insitute_images:hover .overlay {
  bottom: 0;
  height: 100%;
}

.insitute_images .text {
  white-space: nowrap;
  color: white;
  font-size: 20px;
```



```

position: absolute;
overflow: hidden;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
-ms-transform: translate(-50%, -50%);
}

/* CARD */
.education .container .row{
  margin: 3%;
}
.education .container .row .col-4 .middle {
  position: relative;
}

.education .container .row .col-4 .card {
  cursor: pointer;
  width: 100%;
  height: 100%;
  margin-left: 6%;
}

.front,.back{
  width: 100%;
  height: 100%;
  overflow: hidden;
  backface-visibility: hidden;
  position: absolute;
  transition: transform .6s linear;
}

.education .container .row .col-4 .card .front{
  background: #f1f1f1;
  transform: perspective(600px) rotateY(0deg);
}
.education .container .row .col-4 .card .back{
  background: #f1f1f1;
  transform: perspective(600px) rotateY(180deg);
}
.education .container .row .col-4 .card:hover > .front{
  transform: perspective(600px) rotateY(-180deg);
}

```

```
.education .container .row .col-4 .card:hover > .back{
  transform: perspective(600px) rotateY(0deg);
}
```

Index.html:

```
<div class="row">
  <h4 style="text-align: center; margin:1em;">“The beautiful thing about learning is that no one can take it away from you” – B. B. King</h4>
  <div class="col-2"></div>
  <div class="col-4">

    <div class="insitute_images" id="insitute_images">
      
      <div class="overlay">
        <div class="text">NOBS</div>
      </div>
    </div>
  </div>
  <div class="col-4">

    <div class="card middle">
      <div class="front">
        <h5>Date: 2072 B.S.</h5>
        <h5>National Orchid Boarding High School</h5>
        <h5>Location:Chabahil, Kathmandu</h5>
      </div>
      <div class="back">
        <div class="back-content middle">
          <h5>Details:</h5>
          <h5>Certificate: School Leaving Certificate(SLC)</h5>
          <h5>GPA: 3.70</h5>
        </div>
      </div>
    </div>

  </div>
  <div class="col-2"></div>
</div>
```

## PROJECTS PART: HOVER

Index.html

```
<!--PROJECTS SECTION-->
<section class="projects" id="projects">
  <div class="container">
    <h2 class="about_title">-PROJECTS-<hr width="75%"></h2>
    <div class="row">
      <h4 style="text-align: center; margin:1em;">"Hard work beats talent if talent doesn't work hard."
- Tim Notke, basketball coach</h4>
      <h6 style="text-align: center;">GITHUB USERNAME: shaktidewan</h6>

      <div class="card">
        <div class="imgBx">
          
          <h5>Image Caption Generator</h5>
        </div>
        <div class="content">
          <div class="descipition">
            <h6>Image caption generator is based on CNN and LSTM.</h6>
          </div>
          <a href="#">View Repository</a>
        </div>
      </div>

      <div class="card">
        <div class="imgBx">
          
          <h5>Image Caption Generator</h5>
        </div>
        <div class="content">
          <div class="descipition">
            <h6>Image caption generator is based on CNN and LSTM.</h6>
          </div>
          <a href="#">View Repository</a>
        </div>
      </div>

      <div class="card">
        <div class="imgBx">
          
          <h5>Image Caption Generator</h5>
        </div>
```

```

        <div class="content">
            <div class="descipition">
                <h6>Image caption generator is based on CNN and LSTM.</h6>
            </div>
            <a href="#">View Repository</a>
        </div>
    </div>
</div>
</section>

```

## CSS

```

/* <PROJECTS> */
/* Card position */
.projects .container .row .card{
    position: relative;
    width: 300px;
    height: 400px;
    margin:20px 40px;
    display: flex;
    justify-content: center;
    flex-direction: column;
    background:rgb(255, 255, 255,0.2);
    box-shadow: 0 10px 25px rgb(0, 0, 0, 0.2);
    backdrop-filter: blur(15px);
}
/* imgbox postion */
.projects .container .row .card .imgBx{
    position: relative;
    display: flex;
    justify-content: center;
    align-items: center;
    flex-direction: column;
    padding: 20px;
    transition: 0.5s ease-in-out;
}
/* image will come up from card div */
.projects .container .row .card:hover .imgBx{
    transform: translateY(-120px);
}

/* image */

```

```

.projects .container .row .card .imgBx img{
  max-width: 100%;
  margin: 0 0 20px;
}
/* image rotation */
/* .projects .container .row .card:hover .imgBx{
  transform: translate(-20px,-40px) rotate(-25deg) scale(1.4);
} */
.projects .container .row .card .content
{
  position: absolute;
  bottom: 20px;
  display: flex;
  justify-content:center;
  align-items: center;
  flex-direction: column;
  transition: 0.5s ease-in-out;
  opacity: 0; /*to hide details and button*/
  visibility: hidden;/*to hide details and button*/
}

/* after hover, it will show the content .card:hover*/
.projects .container .row .card:hover .content{
  opacity: 1;
  visibility: visible;
  transform: translateY(-50px)
}
.projects .container .row .card .content .description h6{
  cursor: pointer;
  transition: 0.5s;
}
/* .projects .container .row .card .content .description h6:hover{
  background: cornflowerblue;
} */

.projects .container .row .card .content a{
  position: relative;
  display: inline-block;
  padding: 12px 30px;
  background: rgb(61, 54, 54);
  border-radius: 40px;
  font-weight: 600;
  letter-spacing: 1px;
  color: #cdcddd;
  text-decoration: none;
}

```

```
text-transform: uppercase;
}
```

## PURE JAVASCRIPT SCROLL ANIMATION:

Index.html

```
<section class="services" id="services">
  <div class="container">
    <h2 class="about_title">-SERVICES-<hr width="75%"></h2>
    <div class="row" id="services_id" >
      <h4 style="text-align: center; margin:1em;">"No one is useless in this world who lightens the burdens of another."- Charles Dickens</h4>
      <div class="col">
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Veritatis, voluptate. Reiciendis neque consequatur ipsum id quas, aperiam praesentium explicabo ab sunt tempore eum incidunt a, facere sapiente earum facilis cumque!</p>
      </div>
      <div class="col">
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Veritatis, voluptate. Reiciendis neque consequatur ipsum id quas, aperiam praesentium explicabo ab sunt tempore eum incidunt a, facere sapiente earum facilis cumque!</p>
      </div>
    </div>
  </div>
</section>
```

Style.css

```
/* -----SERVICES----- */
.services .container .row{
  display: flex;
  opacity: 0;
  transform: scale(0.1);
  transition: all 1s ease-in-out;
}
.services .container .active_services{
  opacity: 1;
  transform: scale(1);
}
```

App.js

```
//for services
window.addEventListener('scroll',()=>{
  let content = document.querySelector('#services_id');
  let contentPosition = content.getBoundingClientRect().top;
  let screenPosition = window.innerHeight;
  if(contentPosition < screenPosition){
    // alert("hey");
    // }
    // adding class in content of services
    content.classList.add('active_services');
  }else{
    content.classList.remove('active_services');
  }
})
```

Change navigation active class on scroll

LINK: <https://www.youtube.com/watch?v=IElPdMfQFvc&t=587s>

App.js

```
//ACTIVE CLASS CHANGING ON SCROLL IN NAVBAR

var sections = document.querySelectorAll('section');

onscroll = function() {
  var scrollTop = document.documentElement.scrollTop;

  sections.forEach((section) => {
    if(scrollPosition >= section.offsetTop - section.offsetHeight*0.25 && scrollPosition < section.offsetTop + section.offsetHeight*0.25){
      console.log(section.attributes.id)

      var currentId = section.attributes.id.value;

      removerAllActiveClasses();
      addActiveClass(currentId);
    }
  });
};

var removerAllActiveClasses = function(){
```

```

document.querySelectorAll('nav a').forEach((e1)=> {
    e1.classList.remove("active");
});

var addActiveClass = function(id){
    console.log(id);
    var selector = `nav a[href="#${id}"]`;
    document.querySelector(selector).classList.add("active");
};

```

## PRELOADER CSS AND JAVASCRIPT

Link for png: <https://loading.io/>

Index.html:

```

<body onload="myFunction()">
    <div id="loading"></div>

<script>
    //getElementById is DOM
    var preloader = document.getElementById("loading");
    console.log('loading')
    function myFunction(){
        preloader.style.display = 'none';
    };
</script>

```

Style.css

```

/* PRELOADER */
#loading{
    position: fixed;
    width: 100%;
    height: 100vh;
    background: #fff
    url('./images/in.png') no-repeat center;
    /* to remove others elements */
    z-index: 99999;
}

```