Visoka škola strukovnih studija za informcaione i
komunikacione tehnologije

Dokumentacija

https://panta99.github.io/aleksapanticportfolio/

Predmet: Web programiranje 1

Student:Aleksa Pantić

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Sadržaj

1 .Uvod

1.1 Korišćeni programski jezici I okruženja

-HTML5

-CSS3

-JavaScript

-JQuery

-Bootstrap

-Visual Studio code

1.2 Opis funkcionalnosti

-Dinamičko ispisivanje menija

-Dinamičko ispisivanje slika

-Ispis pozdravne poruke u headeru

-Promena boje menija na scroll primenom JQuery

-Prikazivanje aktivnog linka na scroll

-Skills bar se puni kada se dođeo do sekcije koja ga sadrži

-Projects se pojavljuje sa efektom kada se dođe do te sekcije na scroll

-Obrada validnosti forme pomoću regEx izraza i ispisivanje greški priliko neispravnosti i ispisivanje poruke pri uspešnom slanju
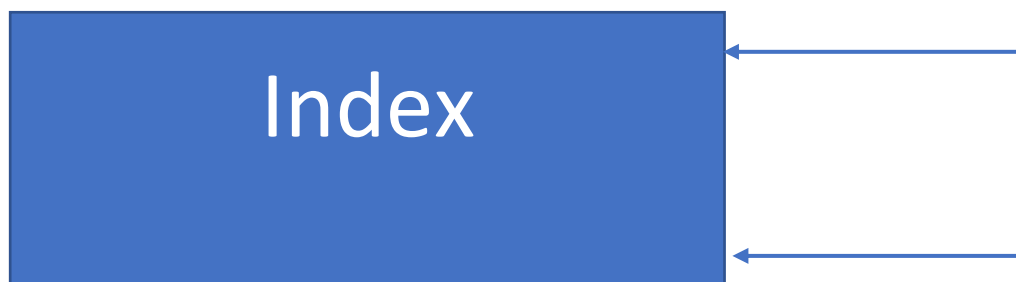
-Strelica za povratak na vrh

1.3 Template
Za izradu ovog sajta sam sam kreirao templejt

2.Organizacija

2.1Organizaciona šema

Index

Postoji samo index.html stranica

2.2 Mapa sajta

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
    <loc>https://panta99.github.io/aleksapanticportfolio/</loc>
    <lastmod>2021-12-06</lastmod>
    <changefreq>daily</changefreq>
    <priority>1</priority>
</url>
</urlset>
```
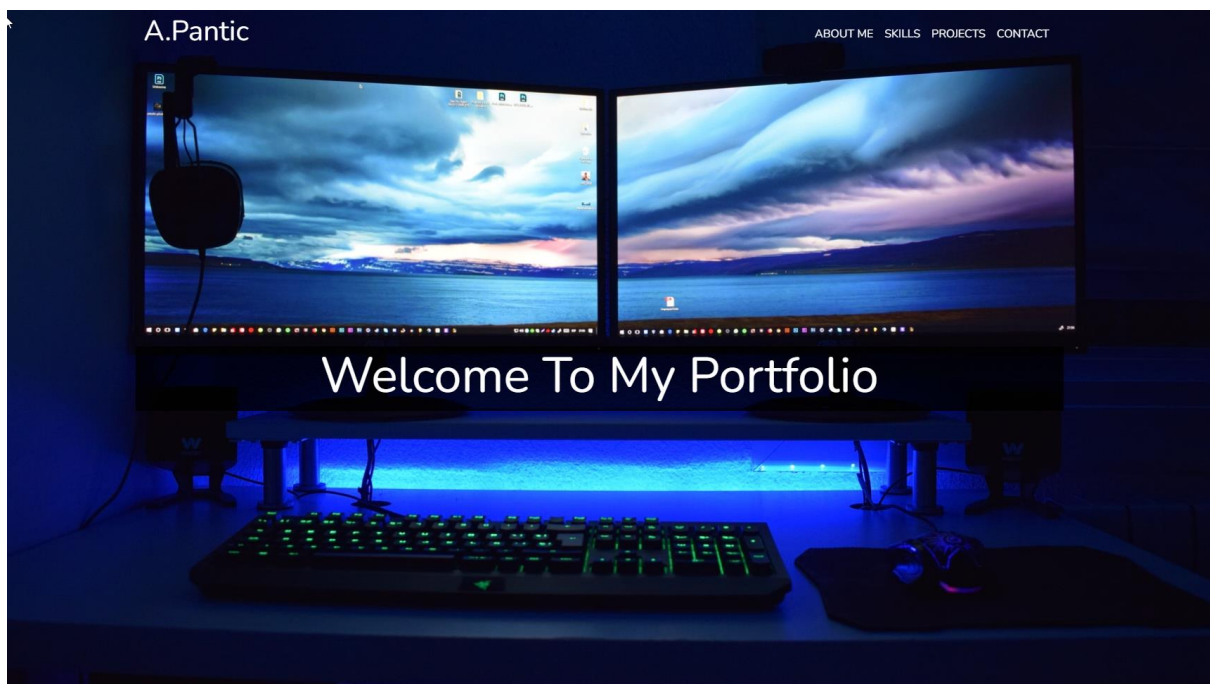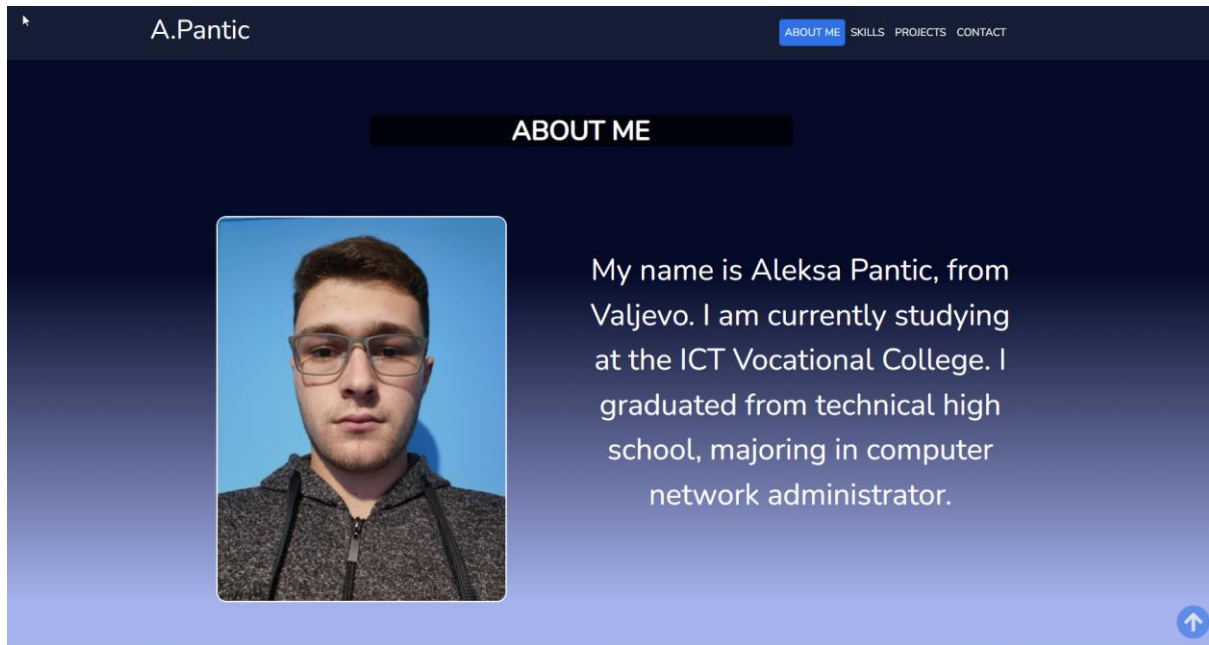
2.3Slika stranice i opis funkcionalnosti

Navigacioni meni je dinamicki ispisan

Poruka Welcome To My Portfolio se sama ispisuje na učitavanje stranice upotrebom tajmera

Promena boje menija na scroll sa obzirom na kojoj se sekciji nalazimo

Pojavljivanje strelice za povratak na vrh
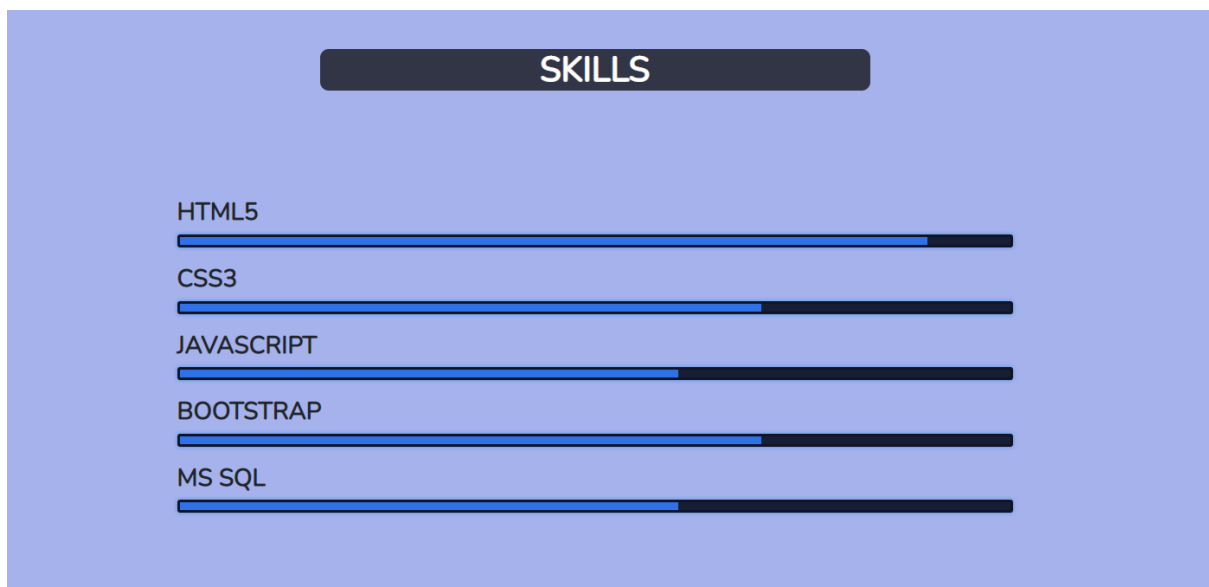
Skills bar se automatski popunjava kada scrollom dođemo do njegove sekcije i to se dešava samo jednom prilikom skrola
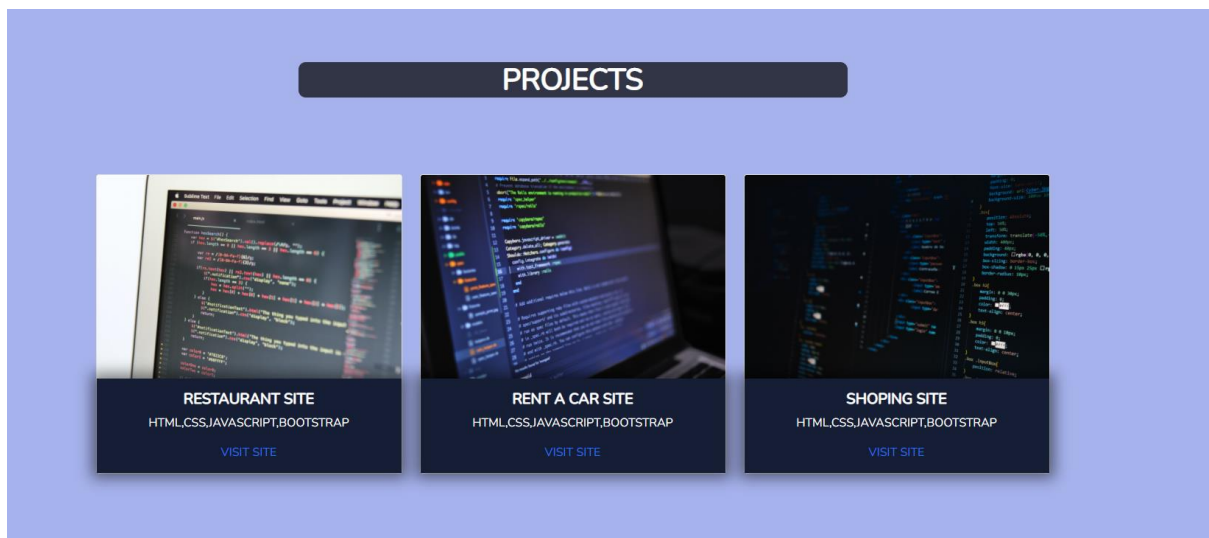
Dinamičko ispisivanje ova 3 projekta

Njihovo pojavljivanje kada se scollom dođe do njihove sekcije, pojavljuju se jedan za drugim pomoću tajmera i to se dešava samo jednom prilikom skrola

Provera ispravnosti unesenih podataka korišćenjem regularnih izraza, ispisivanje poruke ako je unesena nevalidna vrednost

3.Kodovi

3.1 HTML

```html
<!DOCTYPE html>

<html lang="en">
    <head>
        <meta name="keywords" content="web,design,frondend,developer"/>
        <meta name="description" content="Aleksa Pantic Web developer portfolio"/>
        <meta name="author" content="mailto:aleksa.pantic.102.19@ict.edu.rs"/>
        <meta name="copyright" content="Aleksa Pantic 2021"/>
        <meta charset="UTF-8"/>
        <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <link rel="icon" type="image/x-icon" href="assets/img/favicon1.ico" />
        <link rel="preconnect" href="https://fonts.googleapis.com">
        <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
        <link
href="https://fonts.googleapis.com/css2?family=M+PLUS+1+Code:wght@500;700&family=N
unito&display=swap" rel="stylesheet">
        <script src="https://kit.fontawesome.com/1ab639f11d.js"
crossorigin="anonymous"></script>
        <script
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js"
integrity="sha512-
894YE6QWD5I59HgZOGReFYm4dnWc1Qt5NtvYSaNcOP+u1T9qYdvdihz0PPSiiqn/+/3e7Jo4EaG7TubfWG
UrMQ==" crossorigin="anonymous" referrerpolicy="no-referrer"></script>
        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
```

```html
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
        <link rel="stylesheet" type="text/css" href="assets/css/style.css"/>
        <link rel="stylesheet" type="text/css" href="assets/css/responsive.css"/>

        <title>Aleksa Pantic Portfolio</title>
    </head>
    <body>

        <header id="page-top">
            <nav class="navbar menu navbar-expand-lg navbar-dark fixed-top
transparentna" id="mainNav">
                <div class="container">
                    <a class="navbar-brand" href="#page-top"><h1>A.Pantic</h1></a>
                    <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarResponsive" aria-
controls="navbarResponsive" aria-expanded="false" aria-label="Toggle navigation">
                        Menu
                        <i class="fas fa-bars ms-1"></i>
                    </button>
                    <div class="collapse navbar-collapse" id="navbarResponsive">
                        <ul class="navbar-nav text-uppercase ms-auto py-4 py-lg-
0">
                            <li class="nav-item aboutme"><a class="nav-link
bojamenija" href="#aboutme">About me</a></li>
                            <li class="nav-item skills" ><a class="nav-link
bojamenija" href="#skills">Skills</a></li>
                            <li class="nav-item projects"><a class="nav-link
bojamenija" href="#projects">Projects</a></li>
                            <li class="nav-item contact"><a class="nav-link
bojamenija" href="#contact">Contact</a>
                        </ul>
                    </div>
                </div>
            </nav>
            <div class="container">
                <div class="row">
                    <div class="col-12 d-flex justify-content-center"
id="welcome">
                        <h1 id="welcomep"></h1>
                    </div>
                </div>
            </div>
        </header>
        <section id="aboutme">
            <div class="container ">
                <div class="row">
                    <div class="col-6 mx-auto text-center mt-5 pt-5">
                        <h2 class="tekstsekcija text-uppercase">About me</h2>
                    </div>
                </div>
                <div class="row">
                    <div class="col-12 col-md-6 mt-5 pt-5 text-center">
                    <img class="img-fluid img-border" src="assets/img/author.jpg"
alt="author"/>
                    </div>
                    <div class="col-12 col-md-6  mt-5 tekstKodSlike text-center">
```

```html
                                <p class="mt-5 pt-5">My name is Aleksa Pantic, from
Valjevo. I am currently studying at the ICT Vocational College. I graduated from
technical high school, majoring in computer network administrator.</p>
                        </div>
                    </div>

                </div>
            </section>
            <section class="" id="skills">
                <div class="container ">
                    <div class="row">
                        <div class="col-6 mx-auto text-center ">
                            <h2 class="tekstsekcija text-uppercase">Skills</h2>
                        </div>
                    </div>
                    <div class="row mt-5">
                        <div class="col-9 mx-auto mt-5 mb-5">
                            <div id="skills1">
                                <li>
                                    <h3 class="fw-bold">HTML5</h3><span
class="linija"><span id="prvis"  class=""></span></span>
                                </li>
                                <li>
                                    <h3 class="fw-bold">CSS3</h3><span
class="linija"><span id="drugis"class=""></span></span>
                                </li>
                                <li>
                                    <h3 class="fw-bold"> JAVASCRIPT</h3><span
class="linija"><span id="trecis" class=""></span></span>
                                </li>
                                <li>
                                    <h3 class="fw-bold">BOOTSTRAP</h3><span
class="linija"><span id="cetrvrtis" class=""></span></span>
                                </li>
                                <li>
                                    <h3 class="fw-bold">MS SQL</h3><span
class="linija"><span id="petis" class=""></span></span>
                                </li>
                            </div>
                        </div>
                    </div>
                </div>
            </section>
            <section id="projects">
                <div class="container pt-5 mt-5">
                    <div class="row mt-3 pt-5">
                        <div class="col-7 mx-auto text-center  mt-5">
                            <h2 class="tekstsekcija text-uppercase">PROJECTS</h2>
                        </div>
                    </div>
                    <div  class="row mt-5 pt-5 mb-5 pb-5">
                        <div  id="projekti1" class="col-md-4 ne-prikazuj">
                            <div class="card text-center">
                                <img src="assets/img/project1.jpg" class="card-img-
top" alt="projectphoto" />
                                <div class="card-body">
                                    <h5 class="card-title fw-bold">RESTAURANT
SITE</h5>
                                    <p>HTML,CSS,JAVASCRIPT,BOOTSTRAP</p>
                                    <a href="#">VISIT SITE</a>
```

```html
                                </div>
                            </div>
                        </div>
                        <div id="projekti2" class="col-md-4 ne-prikazuj">
                            <div class="card text-center">
                                <img src="assets/img/project2.jpg" class="card-img-
top" alt="projectphoto" />
                                <div class="card-body">
                                    <h5 class="card-title fw-bold">RENT A CAR
SITE</h5>

                                    <p>HTML,CSS,JAVASCRIPT,BOOTSTRAP</p>
                                    <a href="#">VISIT SITE</a>
                                </div>
                            </div>
                        </div>
                        <div id="projekti3" class="col-md-4 ne-prikazuj">
                            <div class="card text-center">
                                <img src="assets/img/project3.jpg" class="card-img-
top" alt="projectphoto" />
                                <div class="card-body">
                                    <h5 class="card-title fw-bold">SHOPING SITE</h5>
                                    <p>HTML,CSS,JAVASCRIPT,BOOTSTRAP</p>
                                    <a href="#">VISIT SITE</a>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
        </section>
        <section id="contact">
            <div class="container mb-5">
                <div class="row  mb-5">
                    <div class="col-7 mx-auto text-center  mb-5">
                        <h2 class="tekstsekcija text-uppercase">CONTACT</h2>
                    </div>
                </div>
                <div class="row text-center justify-content-center">
                    <form  action="index.html" method='POST' id="forma">
                        <input type="text" placeholder="First name" id="ime"
name="name"/>
                        <p class="greska" id="greskaNaImenu">The name must begin
with a capital letter and must not contain numbers</p>
                        <input type="text" placeholder="Last name" id="prezime"
name="surname"/>
                        <p class="greska" id="greskaNaPrezimenu">The last name
must begin with a capital letter and must not contain numbers</p>
                        <input type="email" placeholder="Email" id="mejl"
name="mail"/>
                        <p class="greska" id="greskaNaMejlu">You entered an email
in the wrong format</p>
                        <select name="birajte" id="biraj">
                            <option value="0">Choose...</option>
                            <option value="1">Question</option>
                            <option value="2">Sugestion</option>
                            <option value="3">Critique</option>
                            <option value="4">Other...</option>
                        </select>
                        <p class="greska" id="greskaNaIzboru">You must choose
something</p>
```

```html
                        <textarea  name="txtArea" placeholder="Your message"
id="txtArea" cols="30" rows="10"></textarea>
                        <p class="greska" id="greskaNaTekstPoruka">You cannot
leave the field blank</p>
                        <input type="submit" value="Submit" id="posaljiPodatke"/>
                        <p id="nijeGreska">Your message is sent<br/>We will
contact you soon</p>
                    </form>
                </div>

            </div>
        </section>
        <footer>
            <div class="container pt-4">
                <div class="row text-center">
                    <div class="col-12  d-flex justify-content-center">
                        <a class="socialmedia  mx-3" target="_blank"
href="https://www.facebook.com/"><i class="fab fa-facebook-f"></i></a>
                        <a class="socialmedia mx-3" target="_blank"
href="https://www.instagram.com/"><i class="fab fa-instagram"></i></a>
                        <a class="socialmedia mx-3" target="_blank"
href="https://www.linkedin.com/in/aleksa-pantic-9039b5225/"><i class="fab fa-
linkedin-in"></i></a>
                        <a class="socialmedia mx-3" target="_blank"
href="sitemap.xml"><i class="fas fa-sitemap"></i></a>

                    </div>
                </div>
                <div class="row mt-1">
                    <div class="col-12 text-center">
                        <a href="documentation.pdf" target="blank"><h4
id="dokumentacija">DOCUMENTATION</h4></a>
                    </div>
                </div>
                <div class="row">
                    <div class="col-12 text-center">
                        <h4 id="boja">Copyright &copy;Aleksa Pantic 102/19</h4>
                    </div>
                </div>
            </div>
        </footer>
        <a href="#page-top" class="strelica-vrh">
            <i class="fas fa-arrow-up"></i>
        </a>

        <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>
        <script type="text/javascript" src="assets/js/main.js"></script>
    </body>
</html>
```

3.2 CSS

```css
:root{
    --apblack: #080C25;
    --aplightblack:#161E35;
    --apblue:#3071E7;
    --apwhite:#ffffff;
    --aplblue:#a6b2EC;
}
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    list-style: none;
}
body{
    font-family: 'Nunito', sans-serif;
    background-color: var(--aplblue);
```

```css
}
a{
    text-decoration: none;
}

.bojamenija{
    color: var(--apwhite) !important;
}
.active,.nav-item:hover{

    background-color:var(--apblue) !important;
    border-radius: 5px !important;
    transition: 500ms;
}
.navbar-brand:hover{
    color:var(--apblue) !important;
}
header{
    background: url("../img/header-cover.jpg") no-
repeat;
    background-size: cover;
    background-position: center;
    height: 100vh;

}
#welcome{

    margin-top: 50vh !important;
    color:white;
    background-color: rgba(0,0,0,0.8);
}
#welcomep{
    font-size: 70px;
}
```

```css
.transparentna{
    background-color: transparent;
}
.bojanavigacije{
    background-color:var(--aplightblack);
    transition: 500ms ease-in-out;
}
#aboutme{
    background: rgb(5,10,40);
    background: linear-gradient(180deg,
rgba(5,10,40,1) 40%, rgba(166,178,236,1) 100%);
}
.tekstKodSlike{
    color:white;
    font-size: 45px;
}
.active{
    background-color: var(--apblue);
}
.img-border{
    border-radius: 15px;
    border: 2px solid white;
    height: 60vh;
}
#skills{
    background-color: var(--aplblue);
}
.tekstsekcija{
    color:var(--apwhite);
    border-radius: 10px;
    background-color: rgba(0,0,0,0.7);
    font-size: 40px;
    font-weight: bold;
}
```

```css
#skills1 li{
    margin: 20px 0;
}
.linija{
    background-color:var(--aplightblack);
    display: block;
    height: 15px;
    border: 3px solid rgba(0,0,0,0.3);
    border-radius: 3px;
    overflow: hidden;
    box-shadow: 0 0 5px #2187e7b3;
}
.linija span{
    height: 15px;
    float: left;
    background: var(--apblue);
}
.html5{
    width: 90%;
    animation: html 2000ms;
}
.css3{
    width: 70%;
    animation: css3 2000ms;
}
.bootstrap{
    width: 70%;
    animation: bootstrap 2000ms;
}
.javascript{
    width: 60%;
    animation: javascript 2000ms;
}
.mssql{
```

```css
        width: 60%;
        animation: mssql 2000ms;
}
@keyframes html{
    0%{
        width: 0%;
    }
    100%{
        width: 90%;
    }
}
@keyframes css3{
    0%{
        width: 0%;
    }
    100%{
        width: 70%;
    }
}
@keyframes bootstrap{
    0%{
        width: 0%;
    }
    100%{
        width: 70%;
    }
}
@keyframes javascript{
    0%{
        width: 0%;
    }
    100%{
        width: 60%;
    }
```

```css
}
@keyframes mssql{
    0%{
        width: 0%;
    }
    100%{
        width: 60%;
    }
}

.strelica-vrh{
    background-color: var(--apblue);
    position: fixed;
    right: 5px;
    bottom: 16px;
    width: 50px;
    height: 50px;
    border-radius: 50%;
    display: flex;
    align-items: center;
    justify-content: center;
    font-size: 32px;
    color:var(--apwhite);
    text-decoration: none;
    opacity: 0;
    pointer-events: none;
    transition: all 500ms;
}
.strelica-vrh:hover{
    color:var(--aplightblack)
}
.strelica-vrh.aktivna{
    border-radius: 50%;
    pointer-events: auto;
```

```css
    opacity: 0.6;
}
.card-body{
    background-color: var(--aplightblack);
    box-shadow: 0 0 20px 7px rgba(0,0,0,0.5);
}
.ne-prikazuj{
    opacity: 0;
    transition: all 700ms ease-in-out;
}
.pojavljivanje{
    opacity: 1;
}
.card h5, .card p{
    color: var(--apwhite);
}
.card a{
    color:var(--apblue);
    padding: 10px;
}
.card a:hover{
    background-color: var(--apblue);
    border-radius: 3px;
    color: var(--apwhite);
}
#skills{
    padding-top: 150px;
    margin-bottom: 80px;
}
#projects{
    margin-bottom: 120px;
}
#contact{
    padding-top: 150px;
```

```css
}
.greska{
    color:#ff0000;
    font-size: 20px;
}
#greskaNaImenu,#greskaNaPrezimenu,#greskaNaMejlu,#greskaNaIzboru,#greskaNaTekstPoruka{
    visibility: hidden;
}
#forma{
    width: 60%;
    padding-top: 30px;
    background-color: var(--aplightblack);
    border: 3px solid var(--apwhite);
    border-radius: 10px;
}
#ime,#prezime,#mejl{
    width: 70%;
    font-weight: bold;
    border-radius: 5px;
}
#nijeGreska{
    font-weight: bold;
    margin-top: 10px;
    font-size: 20px;
    color:var(--apwhite);
    visibility: hidden;
}
#txtArea,#biraj{
    width: 70%;
    font-weight: bold;
    border-radius: 5px;
}
#posaljiPodatke{
```

```css
    width: 30%;
    height: 35px;
    background-color: var(--apblue);
    color:var(--apwhite);
    font-size: 20px;
    font-weight: bold;
    border: 2px solid var(--apwhite);
    border-radius: 5px;
}
footer{
    background: var(--aplightblack);

}
.socialmedia{
    font-size: 25px;
    color:var(--apwhite);
}
.socialmedia:hover,#dokumentacija:hover{
    color:var(--apblue);
}
#dokumentacija{
    color: var(--apwhite);
}
#boja{
    color: var(--apwhite);
}
```

3.3 RESPONSIVE CSS

```css
:root{
    --apblack: #080C25;
    --aplightblack:#161E35;
    --apblue:#3071E7;
    --apwhite:#ffffff;
    --aplblue:#a6b2EC;
}
@media screen and (max-width:1441px) {
    .tekstKodSlike{
        font-size: 30px;
    }
}
@media screen and (max-width:1200px) {
    .tekstKodSlike{
        font-size: 30px;
    }
```

```css
}
@media screen  and (max-width:996px){
    #welcome >h1{
        font-size: 40px;
    }
    .menu{
        background-color:var(--aplightblack);
    }
    .tekstKodSlike{
        font-size: 30px;
        margin-top: -50px !important;
    }
}

@media screen and (max-width: 769px) {
    #aboutme{
        margin-top: -50px !important;
    }
    #welcome >h1{
        font-size: 30px
    }
    .tekstKodSlike{
        font-size: 25px;
        margin-top: 50px !important;
    }
    .tekstsekcija{
        font-size: 30px;
    }
    #projekti1{
        margin-bottom: 20px;
    }
    #projekti2{
        margin-bottom: 20px;
    }
```

```css
    #projekti3{
        margin-bottom: 20px;
    }
}


@media screen and (max-width: 425px) {
    #welcome >h1{
        font-size: 25px
    }
    .tekstKodSlike{
        font-size: 25px;
        margin-top: -30px !important;
    }
    #skills{
        margin-top: -100px;
    }
    #projects{
        margin-top: -200px;
    }
    #contact{
        margin-top: -200px;
    }
    #forma{
        width: 96%;
    }
    .greska{
        font-size: 15px;
    }
    #nijegreska{
        font-size: 15px !important;
    }
}
```

3.4 JavaScript

```
ispisMenija();
skillsIspis()


//Dinamicko ispisivanje menija
function ispisMenija(){
let meni = document.getElementById("mainNav");


let meniispis = `<div class="container">
                 <a class="navbar-brand" href="#page-top"><h1>A.Pantic</h1></a>
                 <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarResponsive" aria-
controls="navbarResponsive" aria-expanded="false" aria-label="Toggle navigation">
                 Menu
                 <i class="fas fa-bars ms-1"></i>
                 </button>
                 <div class="collapse navbar-collapse" id="navbarResponsive">
```

```javascript
                    <ul class="navbar-nav text-uppercase ms-auto py-4 py-lg-0">`;

nizLinkova = ["aboutme","skills","projects","contact"];
nizMeni = ["About me","Skills","Projects","Contact"];

for(let i=0;i<nizLinkova.length;i++){
    meniispis += `<li class="nav-item ${nizLinkova[i]}"><a class="nav-link
bojamenija" href="#${nizLinkova[i]}">${nizMeni[i]}</a></li>`
}
meniispis += `</ul>
        </div>
    </div>`;


meni.innerHTML = meniispis;
}
//Promena boje menija na scroll

$(window).scroll(function(){

    var motaj = $(this).scrollTop();

    if(motaj > 50) {

    $('.menu').addClass('bojanavigacije');

    } else {

    $('.menu').removeClass('bojanavigacije');

    }
});


//Aktivni link na skrol
```

```javascript
let sekcije = document.querySelectorAll("section");
let navLi = document.querySelectorAll("#navbarResponsive ul li");

window.addEventListener("scroll", ()=>{
    let trenutna = "";
    sekcije.forEach( sekcija => {
        let vrhSekcije = sekcija.offsetTop;
        let sekcijaVisina = sekcija.clientHeight;
        if(scrollY >= (vrhSekcije - sekcijaVisina/3)){
            trenutna = sekcija.getAttribute("id");
        }
    })
    navLi.forEach(li =>{
        li.classList.remove("active");
        if(li.classList.contains(trenutna)){
            li.classList.add("active");
        }
    })
})

//Ispisivanje teksta u headeru
let i=0;
let text ="Welcome To My Portfolio";
function ispisporuke(){
    if(i<text.length){
        document.getElementById("welcomep").innerHTML += text.charAt(i);
        i++;
        setTimeout(ispisporuke,100);
    }
}

ispisporuke();

//Dinamicki ispis skill liste
```

```javascript
function skillsIspis(){
    let skills = document.getElementById("skills1");
    let ispis="";


    let nizNaziv =["HTML5","CSS3","JAVASCRIPT","BOOTSTRAP","MS SQL"];
    let idNaziv=["prvis","drugis","trecis","cetrvrtis","petis"];
    for(let i=0; i < nizNaziv.length; i++){
        ispis += ` <li>
                    <h3 class="fw-bold">${nizNaziv[i]}</h3><span
class="linija"><span  id="${idNaziv[i]}"  class=""></span></span>
                    </li>`
                    console.log(ispis);
    }
    skills.innerHTML = ispis;
}


//Povajljivanje strelice za povratak na vrh, na scrool
let strelica = document.querySelector(".strelica-vrh");


window.addEventListener("scroll", () =>{
    if(window.scrollY > 100){
        strelica.classList.add("aktivna");
    }
    else{
        strelica.classList.remove("aktivna");
    }
})


//Animacija skills bara na scroll
let sekcije1 = document.querySelectorAll("section");
let brojac1 = 0;
```

```javascript
window.addEventListener("scroll", ()=>{

    let trenutna = "";


    sekcije1.forEach( sekcija => {

        let vrhSekcije1 = sekcija.offsetTop;

        let sekcijaVisina1 = sekcija.clientHeight;

        if(scrollY >= (vrhSekcije1 - sekcijaVisina1/3)){

            trenutna = sekcija.getAttribute("id");

        }

    })

    if((trenutna == "skills") && (brojac1 == 0)){

        document.getElementById("prvis").classList.add("html5");

        document.getElementById("drugis").classList.add("css3");

        document.getElementById("trecis").classList.add("javascript");

        document.getElementById("cetrvrtis").classList.add("bootstrap");

        document.getElementById("petis").classList.add("mssql");

        brojac1++;

    }


})


//Pojava elemenata na scroll
let sekcije2 = document.querySelectorAll("section");

let brojac2 = 0;

let promena;


window.addEventListener("scroll", ()=>{

    let trenutna = "";

    function dodeladruge(){

        document.querySelector("#projekti2").classList.add("pojavljivanje")

    }

    function dodelatrece(){

        document.querySelector("#projekti3").classList.add("pojavljivanje")

    }
```

```javascript
    sekcije2.forEach( sekcija => {

        let vrhSekcije1 = sekcija.offsetTop;

        let sekcijaVisina1 = sekcija.clientHeight;

        if(scrollY >= (vrhSekcije1 - sekcijaVisina1/3)){

            trenutna = sekcija.getAttribute("id");

        }

    })

    if((trenutna == "projects") && (brojac2 == 0)){

        document.querySelector("#projekti1").classList.add("pojavljivanje")

        setTimeout(dodeladruge,700)

        setTimeout(dodelatrece,1400)

        brojac1++;

    }



})



//Validacija forme

$(document).ready(function(){

    $("#posaljiPodatke").click(proveriFormu);

})



function proveriFormu(e){

    e.preventDefault();



    var tacnostForme = true;



    var ime = document.getElementById("ime").value;

    var prezime = document.getElementById("prezime").value;

    var mejl = document.getElementById("mejl").value;

    var message = document.getElementById("txtArea").value;



    var imeGr = document.getElementById("greskaNaImenu");

    var prezimeGr = document.getElementById("greskaNaPrezimenu");

    var mejlGr = document.getElementById("greskaNaMejlu");
```

```javascript
    var tekstPorukaGr = document.getElementById("greskaNaTekstPoruka");


    var regularniIme = /^[A-ZČĆŠĐŽ][a-zčćžđš]{2,15}(\s[A-ZČĆŠĐŽ][a-
zčćžđš]{2,15}){0,1}$/;
    var regularniPrezime = /^[A-ZČĆŠĐŽ][a-zčćžđš]{2,15}(\s[A-ZČĆŠĐŽ][a-
zčćžđš]{2,15}){0,1}$/;
    var regularniMejl = /^[a-zčćžđš][a-z\d\-\.\wčćžđš]+\@[a-z]+(\.[a-
z]{2,12}){1,2}$/
    var regularniMessage = /^[A-z\.\,\s\w\d\t\nčćžđš\/\@]+$/


    function pokaziGresku(promenljiva, izraz, idPoruke){


        if (!izraz.test(promenljiva)){
            tacnostForme = false;
            idPoruke.style.visibility = "visible";
        }


        else {
            idPoruke.style.visibility = "hidden";
        }


    }


    pokaziGresku(ime, regularniIme, imeGr);
    pokaziGresku(prezime, regularniPrezime, prezimeGr);
    pokaziGresku(mejl, regularniMejl, mejlGr);
    pokaziGresku(message, regularniMessage, tekstPorukaGr);


    var izbor = document.getElementById("biraj").value;


    if(izbor == "0"){
        tacnostForme = false;
        document.getElementById("greskaNaIzboru").style.visibility = "visible";
    }
```

```
    else{

        document.getElementById("greskaNaIzboru").style.visibility = "hidden";

    }


    if(tacnostForme == true){

        document.getElementById("nijeGreska").style.visibility = "visible";

    }


    else{

        document.getElementById("nijeGreska").style.visibility = "hidden";

    }


}
```