Visoka škola strukovnih studija za informacione i komunikacione tehnologije

Dokumentacija

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

Predmet: Web programiranje 1

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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 skills sekcije

-Dinamičko ispisivanje services sekcije

-Ispis pozdravne poruke u headeru

-Promena boje menija na scroll primenom JQuery

-Prikazivanje aktivnog linka na scroll

-Services se pojavljuju kada se dodje do te sekcije 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
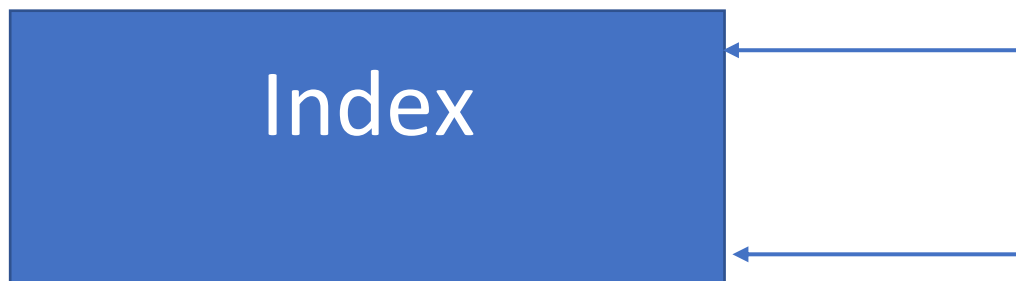
Index

Postoji samo index.html stranica

2.2Mapa sajta i robots.txt

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
    <loc>Link</loc>
    <lastmod>2020-12-11</lastmod>
    <changefreq>daily</changefreq>
    <priority>1</priority>
</url>
</urlset>
```

User-agent: *

Disallow:

2.3Slika stranice i opis funkcionalnosti
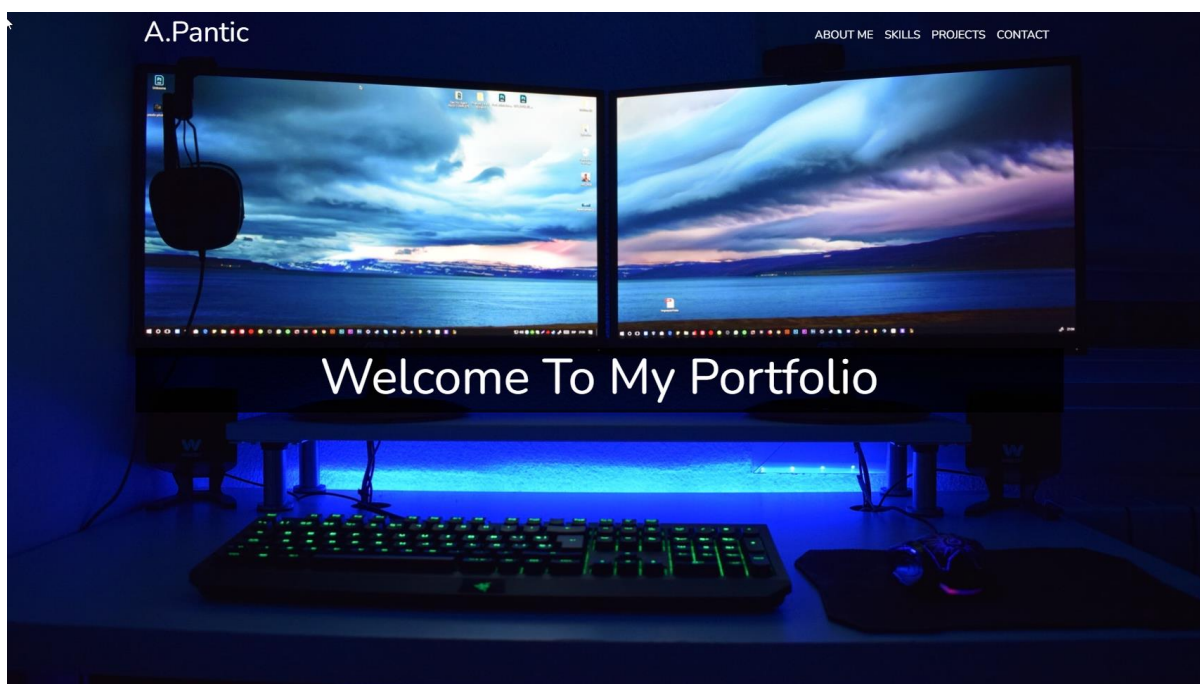
Navigacioni meni je dinamicki ispisan

Poruka Welcome To My Portfolio se sama ispisuje na učitavanje stranice upotrebom tajmera
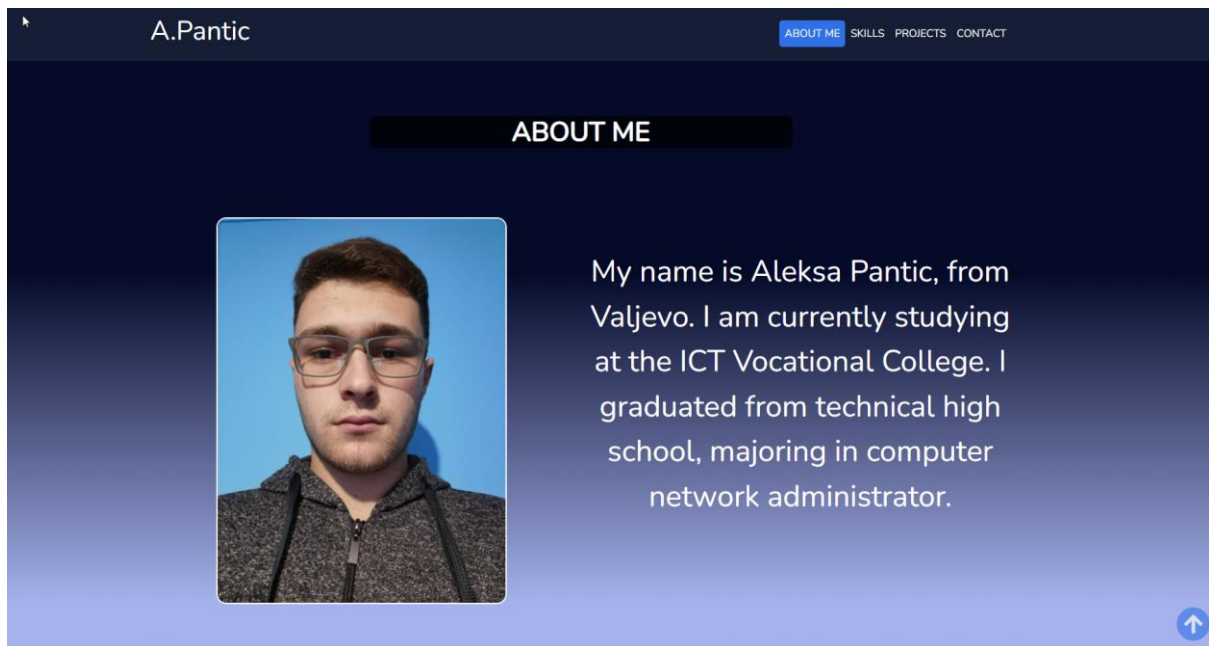
Promena boje menija na scroll sa obzirom na kojoj se sekciji nalazimo

Pojavljivanje strelice za povratak na vrh
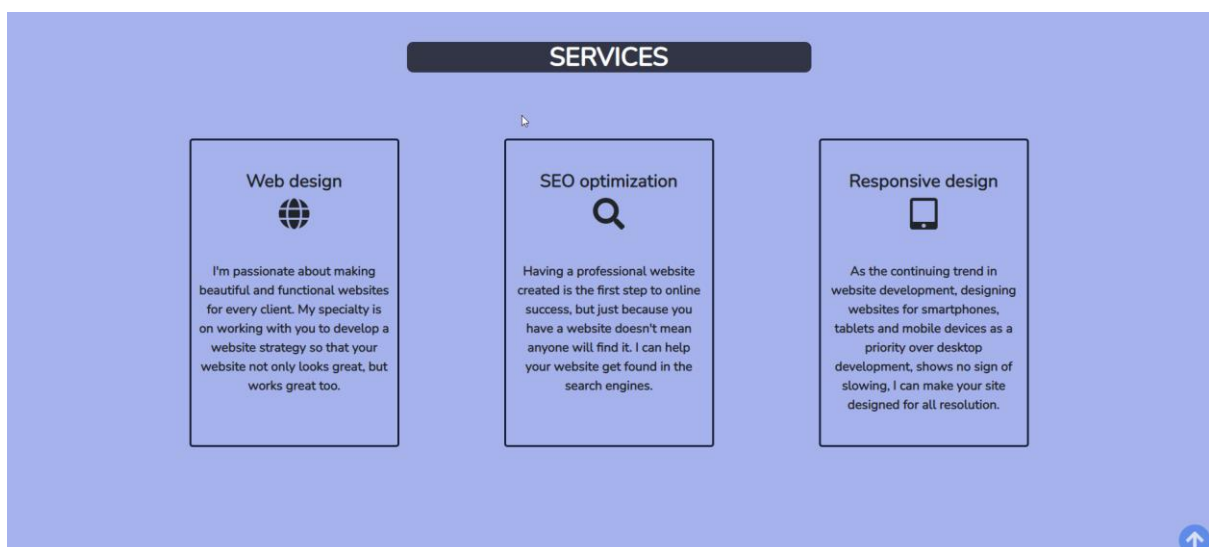
Dinamicki ispisana sekcija services, sekcija services se pojavljuje kada se scrollom dođe do nje upotrebom tajmera i opacity
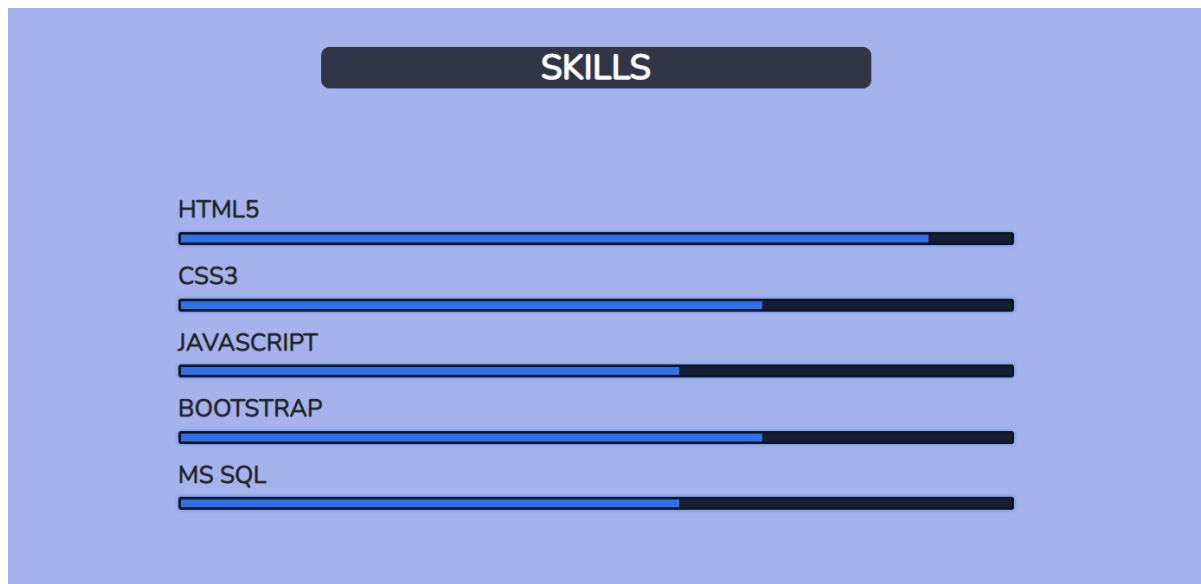
Skills bar se automatski popunjava kada scrollom dođemo do njegove sekcije i to se dešava samo jednom prilikom skrola
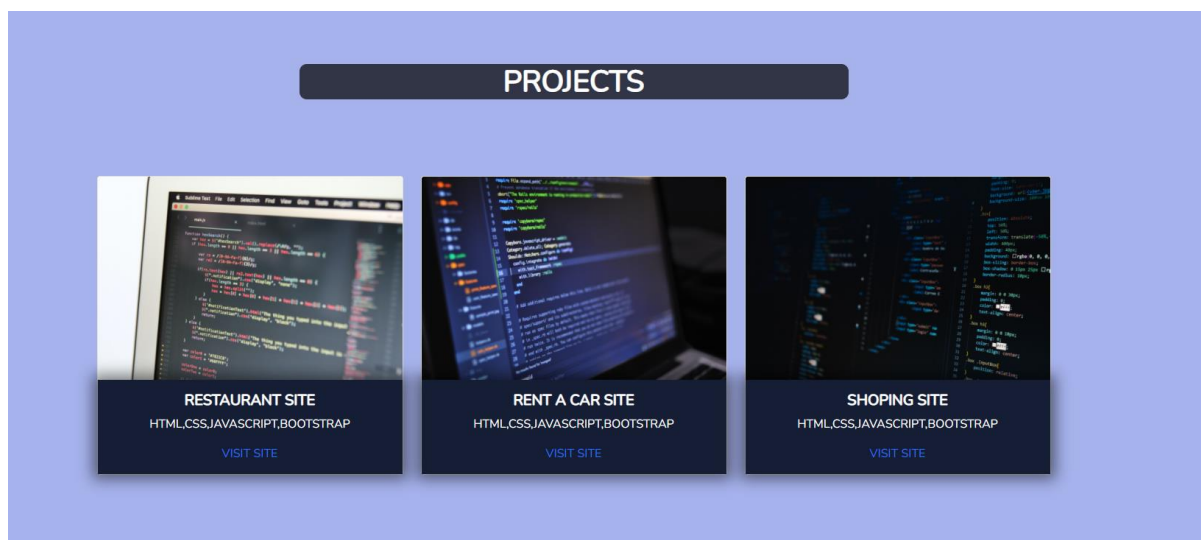
Njihovo pojavljivanje kada se scrollom dođe do njihove sekcije,

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>
        <!--Font awesome-->
        <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>
        <!--JQuery-->
```

```html
        <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>
        <!--Bootstrap CSS-->
        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
        <!--Slick CSS-->
        <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">

            </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 mb-5 pt-5">
                <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">
                        <p class="mt-5 pt-5">My name is Aleksa Pantic, Web
developer 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 id="services">
            <div class="container mt-5 pt-5">
                <div class="row ">
                    <div class="col-6 mx-auto text-center mt-5 pt-5">
                        <h2 class="tekstsekcija text-uppercase">Services</h2>
                    </div>
```

```html
                </div>
                <div class="row text-center mt-5 jus justify-content-between
usluge">

                </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">

                        </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>
                            </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">
```
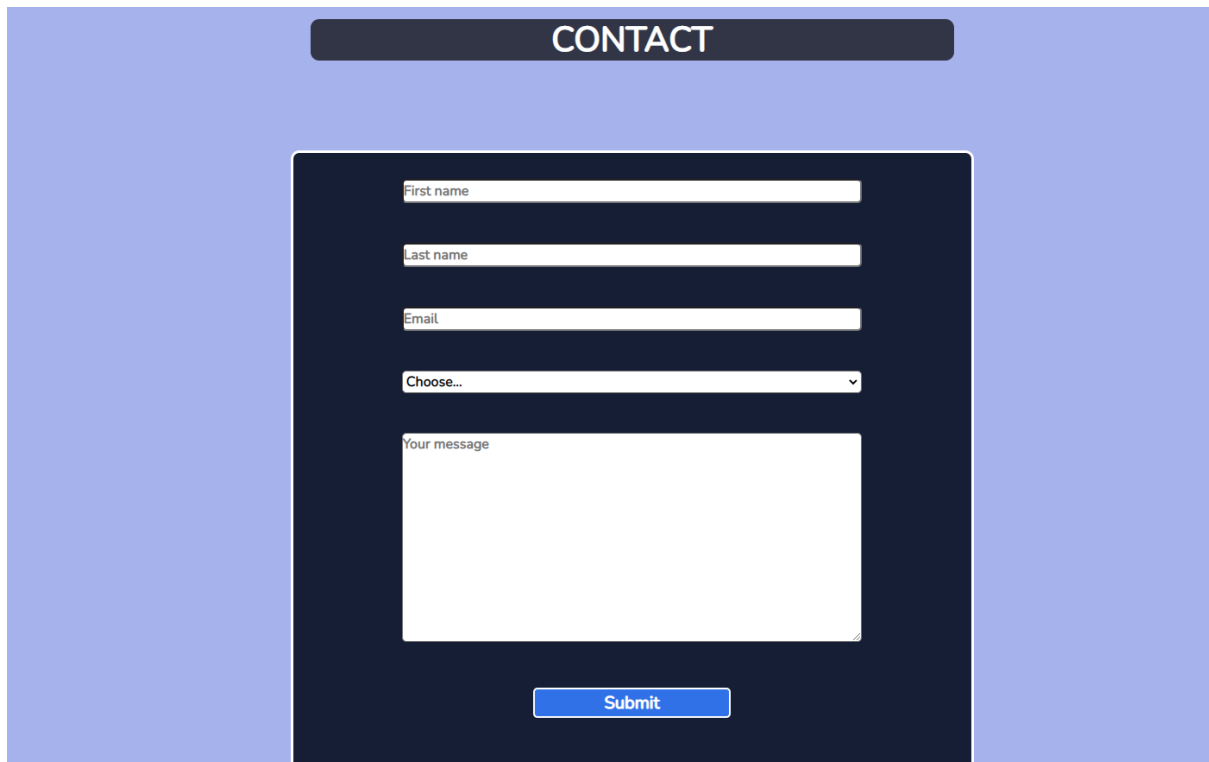
```html
                        <h5 class="card-title fw-bold">SHOPING SITE</h5>
                        <p>HTML,CSS,JAVASCRIPT,BOOTSTRAP</p>
                        <a href="#">VISIT SITE</a>
                    </div>
                </div>
            </div>
        </div>
    </section>
    <section 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">
                    <p class="labela text-start">First Name:</p>
                    <input type="text" placeholder="John" id="ime"
name="name"/>
                    <p class="greska mb-4" id="greskaNaImenu">You can't leave
field blank</p>
                    <p class="labela text-start">Last name:</p>
                    <input type="text" placeholder="Wick" id="prezime"
name="surname"/>
                    <p class="greska mb-4" id="greskaNaPrezimenu">Greska</p>
                    <p class="labela text-start">Email:</p>
                    <input type="email" placeholder="example@gmail.com"
id="mejl" name="mail"/>
                    <p class="greska mb-4" id="greskaNaMejlu">You entered an
email in the wrong format</p>
                    <select name="birajte" id="biraj" class="mt-1">
                        <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 mb-4" id="greskaNaIzboru">You must choose
something</p>
                    <p class="labela text-start">Your message</p>
                    <textarea  name="txtArea" placeholder="Message"
id="txtArea" cols="30" rows="8"></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">
```

```html
                                <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>
            <!--Slick-->

            <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;
```

```css
    padding: 0;
    box-sizing: border-box;
    list-style: none;
}
body{
    font-family: 'Nunito', sans-serif;
    background-color: var(--aplblue);
}
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{
```

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

```css
.tekstsekcija{
    color:var(--apwhite);
    border-radius: 10px;
    background-color: rgba(0,0,0,0.7);
    font-size: 40px;
    font-weight: bold;
}
#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%;
```

```css
    animation: bootstrap 2000ms;
}
.javascript{
    width: 60%;
    animation: javascript 2000ms;
}
.mssql{
    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%;
    }
}
```

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

```css
}
.strelica-vrh:hover{
    color:var(--aplightblack)
}
.strelica-vrh.aktivna{
    border-radius: 50%;
    pointer-events: auto;
    opacity: 0.6;
}
.card-body{
    background-color: var(--aplightblack);
    box-shadow: 0 0 20px 7px rgba(0,0,0,0.5);
    border-bottom-left-radius: 5px;
    border-bottom-right-radius: 5px;
}
.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);
}
```

```css
#skills{
    padding-top: 150px;
    margin-bottom: 80px;
}
#projects{
    margin-bottom: 120px;
}
#contact{
    padding-top: 150px;
}
.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;
```

```css
    color:var(--apwhite);
    visibility: hidden;
}
#txtArea,#biraj{
    width: 70%;
    font-weight: bold;
    border-radius: 5px;
}
#posaljiPodatke{
    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;
    text-transform: uppercase;
}
#posaljiPodatke:hover{
    font-weight: bold;
    color: var(--apblack);
    transition: 500ms ease-in;
    text-transform: uppercase;
}
footer{
    background: var(--aplightblack);

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

```css
    color:var(--apblue);
}
#dokumentacija{
    color: var(--apwhite);
}
#boja{
    color: var(--apwhite);
}
.labela{
    font-size: 20px;
    margin-bottom: 0px;
    text-transform: uppercase;
    margin-left: 15%;
    color:white;
    font-weight: bold;
}
input[type=text],input[type=email],#biraj,#txtArea{
    font-size: 20px;
}
#services{
    margin-top: 100px;
    margin-bottom: 100px;
}
.usluga{
    border: 3px solid var(--aplightblack);
    border-radius: 5px;
}
.usluga>p{
    font-size: 20px;
    font-weight: bold;
}
.ikonica{
    font-size:50px;
}
```

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

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

@media screen and (max-width: 425px) {
    #welcome >h1{
        font-size: 25px
    }
```

```css
.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;
}
input[type=text],input[type=email],#biraj,#txtArea
{
    font-size: 15px;
}
.labela{
    font-size: 15px;
}
#services{
    margin-top: -100px;
    margin-bottom: 100px;
}
}
```

3.4 JavaScript

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

nizLinkova = ["aboutme","services","skills","projects","contact"];
nizMeni = ["About me","Services","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');
```

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        } else {

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


    }
});

//Aktivni link na skrol

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();

//Dinamicko ispisivanje services sekcije

let usluge=document.querySelector(".usluge");

 services = [
    {
        "klasa":"services1",
        "naziv":"Web design",
        "ikonica":"fas fa-globe",
```

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        "opis":"I'm passionate about making beautiful and functional websites for
every client. My specialty is on working with you to develop a website strategy so
that your website not only looks great, but works great too."
    },
    {
        "klasa":"services2",
        "naziv":"SEO optimization",
        "ikonica":"fas fa-search",
        "opis":"Having a professional website created is the first step to online
success, but just because you have a website doesn't mean anyone will find it. I
can help your website get found in the search engines."
    },
    {
        "klasa":"services3",
        "naziv":"Responsive design",
        "ikonica":"fas fa-tablet-alt",
        "opis":"As the continuing trend in website development, designing websites
for smartphones, tablets and mobile devices as a priority over desktop
development, shows no sign of slowing, I can make your site designed for all
resolution."
    },
];

ispisServices(services);

 function ispisServices(services){
    let html="";
    for(service of services){
        html+=`<div class="col-md-3 usluga mt-5 ne-prikazuj ${service.klasa}">
        <h3 class="mt-5 fw-bold">${service.naziv}</h3>
        <p><i class="${service.ikonica} ikonica"></i></p>
        <p class="mt-5  mb-5">${service.opis}</p>
    </div>`
    }
    usluge.innerHTML=html;
 }

//Dinamicki ispis skill liste


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>`
```

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    }
    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;

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 projekat i services elemenata na scroll
let sekcije2 = document.querySelectorAll("section");
let brojac2 = 0;
let brojac3 = 0;

window.addEventListener("scroll", ()=>{
    let trenutna = "";
    function dodelaprojekta2(){
```

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            document.querySelector("#projekti2").classList.add("pojavljivanje");
        }
    function dodelaprojekta3(){
            document.querySelector("#projekti3").classList.add("pojavljivanje");
        }
    function dodelaservices2(){
            document.querySelector(".services2").classList.add("pojavljivanje");
        }
    function dodelaservices3(){
            document.querySelector(".services3").classList.add("pojavljivanje");
        }
    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(dodelaprojekta2,700);
            setTimeout(dodelaprojekta3,1400);
            brojac2++;
        }
    else if((trenutna == "services") && (brojac3 == 0)){
            document.querySelector(".services1").classList.add("pojavljivanje");
            setTimeout(dodelaservices2,700);
            setTimeout(dodelaservices3,1400);
            brojac3++;
        }

})

//Validacija forme
var tacnostForme = false;
$(document).ready(function(){
    $("#posaljiPodatke").click(proveriFormu);
    $("#ime").blur(proveriIme);
    $("#prezime").blur(proveriPrezime);
    $("#mejl").blur(proveriMejl);
    $("#biraj").blur(proveriOdabir);
    $("#txtArea").blur(proveriPoruku);

})

function pokaziGresku(promenljiva, izraz, idPoruke,greska){
    if(promenljiva=="")
    {
        idPoruke.textContent="You can't leave the field blank";
        tacnostForme = false;
        idPoruke.style.visibility = "visible";
```

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

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

}
function proveriIme(){
    var ime = document.getElementById("ime").value;
    var imeGr = document.getElementById("greskaNaImenu");
    var greskaIme = "Name must begin with capital letter";
    var regularniIme = /^[A-ZČĆŠĐŽ][a-zčćžđš]{2,15}(\s[A-ZČĆŠĐŽ][a-
zčćžđš]{2,15}){0,1}$/;
    pokaziGresku(ime, regularniIme, imeGr,greskaIme);
}
function proveriPrezime(){
    var prezime = document.getElementById("prezime").value;
    var prezimeGr = document.getElementById("greskaNaPrezimenu");
    var greskaPrezime ="Last name must begin with capital letter";
    var regularniPrezime = /^[A-ZČĆŠĐŽ][a-zčćžđš]{2,15}(\s[A-ZČĆŠĐŽ][a-
zčćžđš]{2,15}){0,1}$/;
    pokaziGresku(prezime, regularniPrezime, prezimeGr,greskaPrezime);
}
function proveriMejl(){
    var mejl = document.getElementById("mejl").value;
    var mejlGr = document.getElementById("greskaNaMejlu");
    var greskamejl = "Mail in wrong format, example : example@example.example";
    var regularniMejl = /^[a-zčćžđš][a-z\d\-\.\wčćžđš]+\@[a-z]+(\.[a-
z]{2,12}){1,2}$/;
    pokaziGresku(mejl, regularniMejl, mejlGr,greskamejl);
}
function proveriOdabir(){
    var izbor = document.getElementById("biraj").value;
    if(izbor == "0"){
        tacnostForme = false;
        document.getElementById("greskaNaIzboru").style.visibility = "visible";
    }

    else{
        document.getElementById("greskaNaIzboru").style.visibility = "hidden";
        tacnostForme = true;
    }
}
function proveriPoruku(){
    var message = document.getElementById("txtArea").value;
```

```javascript
    var tekstPorukaGr = document.getElementById("greskaNaTekstPoruka");
    var regularniMessage = /^[A-z\.\,\s\w\d\t\nčćžđš\/\@\?]+$/
    var greskaPoruka ="Message must contain only letters";
    pokaziGresku(message, regularniMessage, tekstPorukaGr,greskaPoruka);
}
function proveriFormu(e){
    e.preventDefault();

    proveriIme();
    proveriPrezime();
    proveriMejl();
    proveriOdabir();
    proveriPoruku();

    if(tacnostForme == true){
        document.getElementById("nijeGreska").style.visibility = "visible";
    }

    else{
        document.getElementById("nijeGreska").style.visibility = "hidden";
    }
}
```