

# DOKUMENTACIJA

Web Programiranje 1

XArchitecture

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Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje 1

Sadržaj

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## 1. Uvod

### 1.1 Korisceni programski jezici

Za izradu sajta korišćeni su HTML, CSS, Javascript, jQuery, Bootstrap(css) i XML(sitemap).

Radno okruženje je Visual Studio Code.

### 1.2 Opis funkcionalnosti

- Dinamičko menjanje slika u header-u u vidu slajdera
- Otvaranje eskpandirajućeg menija klikom na "sendvič" ikonicu
- Prikazivanje i sakrivanje dodatog sadržaja klikom na dugme "show more/show less"
- Dinamičko ispisivanje slika/galerije u vidu objekata
- Promena prikaza ljudi/radnika pritiskom na dugme "Architects/Designers"
- Dinamičko ispisivanje zaposlenih u vidu objekata
- Dinamički ispis dropdown liste
- Provera unetih podataka u formu prilikom pritiska na dugme submit/validacija forme
- Sajt je single page i podeljen na sekcije, skrolovanjem ide od sekcije do sekcije uz pomoć FullPage plug-ina

- Pritiskom na dugme tekst "Back to top" izvršiće se povratak na vrh stranice
- Responsive sajt uz pomoć media query-ja i bootstrap-a

## 1.3 Template

Za izradu websajta nije korišćen template. Korišćen je jQuery plugin FullPage i Bootstrap.

# 2. Organizacija

## 2.1 Organizaciona šema

Sajt je rađen kao single page stranica.



# A STEP FORWARD IN THE ARCHITECTURE

"Good buildings come from good people, and all problems are solved by good design." – **Stephen Gardiner**



## ABOUT XARCHITECTURE

### we turn ideas into works of art

For each project we establish relationships with partners who we know will help us create added value for your project. As well as bringing together the public and private sectors, we make sector-overarching links to gather knowledge and to learn from each other. The way we undertake projects is based on permanently applying values that reinforce each other: socio-cultural value, experiential value, building-technical value and economical value.

We believe that architecture should be integral with its place and that the best buildings allow people to fully experience the light and nature of that place. Our chief pursuit is a timeless expression of architecture that is appropriate to its users and their purpose, that blends progressive technology with elemental form.

[Show Less](#)

### our specialization



ARCHITECTURE



INTERIORS



PLANING

## OUR PROJECTS



## ARCHITECTS AND DESIGNERS

Architects

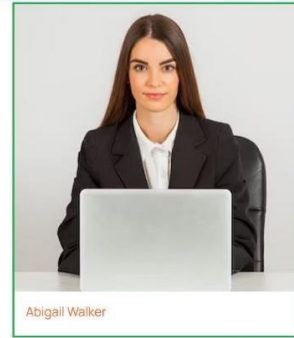
Designers



Robert Anderson



Nathan Johnson



Abigail Walker

### Subscribe to the Newsletter!

First Name Last Name

E-mail Confirm E-mail

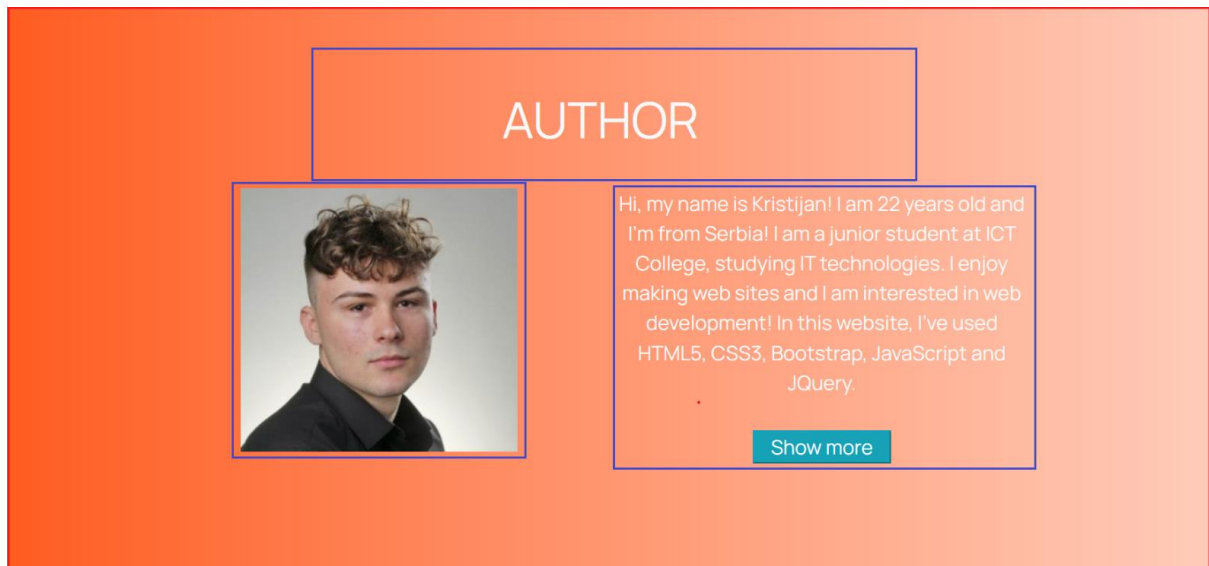
Date Of Birth

Year Month Day

Gender

☐ Male ☐ Female ☒ Other

Submit



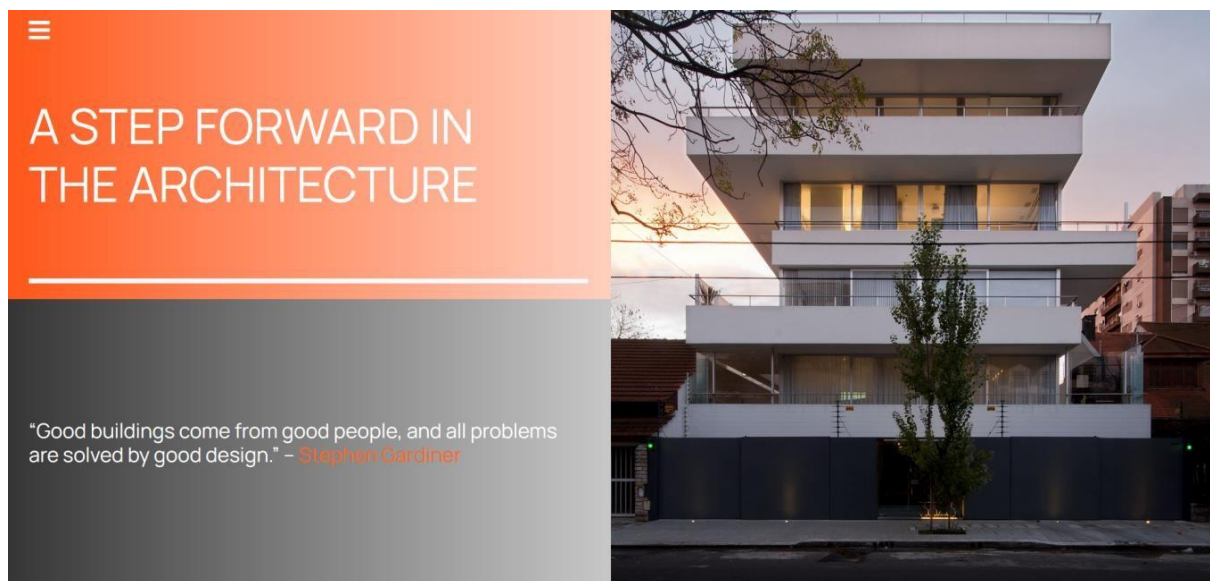
## 2.2 Mapa sajta

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset
  xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
    http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">

  <url>
    <loc>https://kristijan44.github.io/xarchitecture/</loc>
    <lastmod>2024-12-06T13:37:59+00:00</lastmod>
  </url>

</urlset>
```

## 2.3 Slike stranica i opis funkcionalnosti



Sa desne strane se nalazi slider koji menja slike pomoću tajmera i niza slika iz kojeg čita putanje slika.

Klikom na “sendvič” u gornjem levom uglu sajta otvara se eskpandirajući meni sa navigacionom listom sa linkovima na čiji klik stranica animacijom vodi do određenog dela sajta.

Takođe u meniju se nalazi strelica koja služi za zatvaranje istog menija, takođe se i nakon klika na bilo koji od linka ekspandirajući meni se zatvara.



Ovde se nalaze opšte informacije o temi sajta kao i čime se izmišljena firma bavi.

Jedina funkcionalnost u ovom delu sajta jeste dugme “Show more/show less” na čiji se klik otvara dodatni sadržaj uz pomoć jQuery koda.

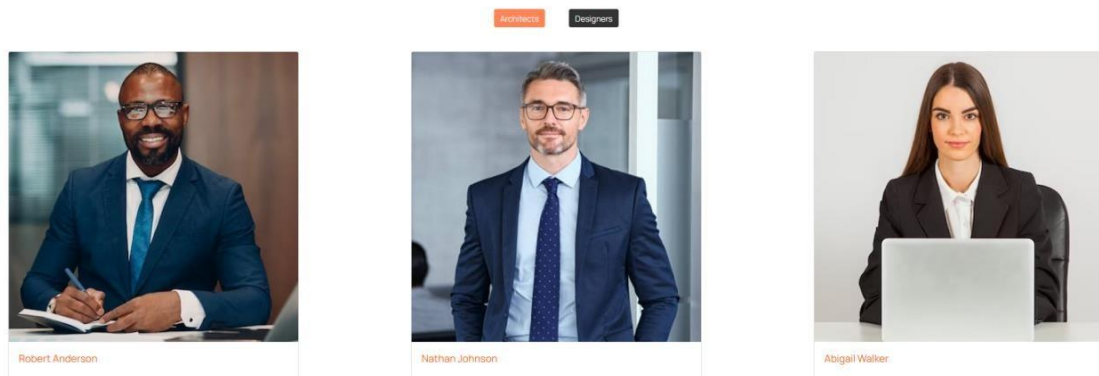


## OUR PROJECTS



Projekti ove firme u vidu galerije odnosno slika koje se ispisuju dinamički kroz javascript u vidu niza objekata.

## ARCHITECTS AND DESIGNERS



Ovde se može videti prikaz arhitekta i dizajnera prilikom klika na jedno od dva dugmeta.

Prilikom klika menja se aktivna boja dugmeta i prikaz arhitekta odnosno dizajnera.

Ispis arhitekta i dizajnera vrši se dinamički kroz javascript takođe u vidu niza objekata.



Subscribe to the Newsletter!

First Name  Last Name

E-mail  Confirm E-mail

Date Of Birth

Year  Month  Day

Gender


☐ Male ☐ Female ☐ Other

Forma za prijavu newsletter-a.

Pritiskom na submit dugme vrši se validacija svih unetih podataka.

Ukoliko je podatak pogrešno unet ili uopšte nije unet polja će se zacrveneti i vratiti poruku o lošoj validaciji.

AUTHOR



Hi, my name is Kristijan! I am 22 years old and I'm from Serbia! I am a junior student at ICT College, studying IT technologies. I enjoy making web sites and I am interested in web development! In this website, I've used HTML5, CSS3, Bootstrap, JavaScript and JQuery.

[Show more](#)

Deo sajta o autoru u kome se nalazi kratak opis o autoru ovog sajta.

Takođe se klikom na dugme "Show more/Show less" otvara odnosno zatvara dodatni sadržaj o autoru.



© XArchitecture

[Back to top](#)

U footeru se nalaze linkovi do društvenih mreža kao i do sitemap-a i dokumentacije.

Takođe tu je i dugme odnosno tekst koji Vas vraća na vrh stranice.

## 3. Kod sajta

### 3.1 HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>XArchitecture</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <meta name="description" content="A step forward! Build your enviroment!"
/>
  <meta name="keywords" content="ARHITECTURE, Architects, XArchitecture,
new, Designers, projects, architecture, work, works" />
  <meta name="author" content="Kristijan Smailović"/>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.0/css/bootstrap.min.css"
" integrity="sha384-
SI27WrMjH3ZZ89r4o+fGIJtnzkAnFs3E4qz9DIYioCQ5l9Rd/7UAa8DHcaL8jkWt"
crossorigin="anonymous">
  <link rel="stylesheet" href="assets/css/style.css">
  <link rel="stylesheet" href="assets/css/mediaquery.css">
  <link rel="stylesheet"
href="https://use.fontawesome.com/releases/v5.8.2/css/all.css"
integrity="sha384-
oS3vJWv+0UjzBfQzYUhtDYW+Pj2yciDJxpsK10YPAYjqT085Qq/1cq5FLXAZQ7Ay"
crossorigin="anonymous">
  <link rel="shortcut icon" href="assets/images/icon.ico">
  <script src="assets/js/jquery-3.4.1.min.js"
type="text/javascript"></script>
  <link rel="stylesheet" type="text/css" href="assets/css/fullpage.css"/>
</head>
<body>

  <div id="fullpage">
    <!-- POCETNA STRANA -->
    <div class="section">
      <!--HEADER-->
      <div class="container-fluid fill p-0 m-0 d-lg-flex flex-lg-row
flex-md-column">
        <!--LEVI BLOK-->
        <div class="container-fluid d-flex flex-column p-0 m-0">
          <!--EKSPANDIRAJUCI MENI-->
          <div class="menu--off">
            <i class="fas fa-arrow-left" id="leftArrow"></i>
```

```

        <div class="container d-flex justify-content-
center mt-5" id="nav" >
            <ul id="menu">
                <li data-menuanchor="home"><a
href="#1">Home</a></li>
                <li data-menuanchor="intro"><a
href="#2">About Us</a></li>
                <li data-menuanchor="projects"><a
href="#3">Projects</a></li>
                <li data-menuanchor="crew"><a
href="#4">Crew</a></li>
                <li data-menuanchor="news"><a
href="#5">Newsletter</a></li>
                <li data-menuanchor="auth"><a
href="#6">Author</a></li>
            </ul>
        </div>
    </div>
    <!--GORNJI LEVI BLOK-->
    <div class="row orangeBgColor p-3 h-50"
id="gornjiLeviBlok">
        <div class="container text-white d-flex flex-column
justify-content-between">
            <i class="fas fa-bars" id="bars"></i>
            <h1 id="h1intro">A STEP FORWARD IN <br> THE
ARCHITECTURE</h1>
            <hr class="p-1 bg-light">
        </div>
    </div>
    <!--DONJI LEVI BLOK-->
    <div class="row greyBgColor p-3 h-50" id="donjiLeviBlok">
        <div class="container d-flex align-items-center text-
white">
            <h1>"Good buildings come from good people, and all
problems are solved by good design." - <span class="orangeTextColor">Stephen
Gardiner</span></h1>
        </div>
    </div>
    <!--DESNI BLOK-->
    <!--SLIDER-->
    <div class="container-fluid p-0 m-0 h-md-100" id="slider">
        <!--SLIDER IZ JS-A-->
    </div>
</div>
<div class="section">
    <!--content1-->

```

```

        <div class="container-fluid">
            <div class="col-12 text-center">
                <h2 class="display-4 m-5"><span
class="greyTextColor">ABOUT</span> <span
class="orangeTextColor">XARCHITECTURE</span></h2>
            </div>
            <div class="row mt-5" id="aboutBlok">
                <div class="col-1"></div>
                <div class="col-12 col-lg-4 text-left" id="ourwork">
                    <h3 class="greyTextColor display-4">we turn ideas
into works of art</h3>
                    <hr class="visinaZaHr orangeBgColor">
                    <p class="lightGrayText text-left">For each
project we establish relationships with partners who we know will help us
create added value for your project. As well as bringing together the public
and private sectors, we make sector-overarching links to gather knowledge and
to learn from each other. The way we undertake projects is based on
permanently applying values that reinforce each other: socio-cultural value,
experiential value, building-technical value and economical value.</p>
                    <p id="showMoreTextAbout"
class="lightGrayText">We believe that architecture should be integral with its
place and that the best buildings allow people to fully experience the light
and nature of that place. Our chief pursuit is a timeless expression of
architecture that is appropriate to its users and their purpose, that blends
progressive technology with elemental form. </p>
                    <input type="button" class="btn-info mb-5"
id="btnPrikaziVise" value="Show more">
                </div>
            </div>
            <div class="col-lg-2"></div>
            <div class="col-12 col-lg-4 text-left"
id="specializationBlok">
                <h3 class="greyTextColor display-4">our
specialization</h3>
                <hr class="visinaZaHr orangeBgColor">
                <i class="far fa-building greyTextColor mt-5 mb-
2"></i>
                <p class="mb-5">ARCHITECTURE</p>
                <i class="fas fa-home greyTextColor mb-2"></i>
                <p class="mb-5">INTERIORS</p>
                <i class="fas fa-ruler-combined greyTextColor mb-
2"></i>
                <p class="mb-5">PLANING</p>
            </div>
            <div class="col-1"></div>
        </div>
    <!-- PROJEKTI -->

```

```

<div class="section">
    <div class="text-center">
        <h2 class="display-lg-2 display-3 display-sm-4 p-5"><span
class="greyTextColor">OUR</span> <span
class="orangeTextColor">PROJECTS</span></h2>
    </div>
    <!--GALERIJA-->
    <div class="container-fluid">
        <div class="row" id="mestoZaIspisSlika">
            <!--DINAMICKI ISPIS SLIKA-->
        </div>
    </div>
</div>

<div class="section">
    <!--ZAPOSLENI-->
    <div class="container-fluid">
        <div class="col-12 text-center">
            <h2 class="display-lg-2 display-3 display-sm-4 p-5"><span
class="orangeTextColor">ARCHITECTS</span><span class="greyTextColor">
AND</span><span class="orangeTextColor"> DESINGERS</span></h2>
        </div>
        <div class="row mb-5">
            <div class="col-12 d-flex justify-content-center">
                <input type="button" class="btn btn-primary border-0"
value="Architects" id="btnArchitects">
                <input type="button" class="btn btn-primary border-0 ml-5"
value="Designers" id="btnDesigners">
            </div>
        </div>
        <div class="row mb-5 pb-2" id="blockArchitects">
            <!--DINAMICKI ISPIS ARHITEKTI-->
        </div>
        <div class="row mb-5 pb-2" id="blockDesigners">
            <!--DINAMICKI ISPIS DIZAJNERA-->
        </div>
    </div>
</div>

<div class="section" id="modalBoxForm">
    <!--FORMA-->
    <div class="container-fluid">
        <div class="container d-flex justify-content-center flex-column">
            <h2 class="text-center mb-5 display-4 text-white mt-5"
id="subscribeNaslov">Subscribe to the Newsletter!</h2>
            <!--FORMA-->
            <form action="#" class="d-flex align-items-center flex-
column">

```

```

        <!--FirstName-->
        <div class="formElements d-flex flex-lg-row flex-column">
            <div class="d-flex flex-column">
                <input type="text" name="firstName" id="firstName"
placeholder="First Name">
                <p class="textUpozorenje" id="firstNameError"></p>
            </div>
            <!--LastName-->
            <div class="d-flex flex-column">
                <input type="text" class="ml-lg-4" name="lastName"
id="lastName" placeholder="Last Name">
                <p class="textUpozorenje ml-lg-4"
id="lastNameError"></p>
            </div>
        </div>
        <!--Email-->
        <div class="formElements d-flex flex-lg-row flex-column">
            <div class="d-flex flex-column">
                <input type="email" name="email" id="email"
placeholder="E-mail">
                <p class="textUpozorenje" id="emailError"></p>
            </div>
            <!--EmailConfirm-->
            <div class="d-flex flex-column">
                <input type="text" class="ml-lg-4 w-md-100"
name="emailConfirm" id="emailConfirm" placeholder="Confirm E-mail">
                <p class="textUpozorenje ml-lg-4"
id="emailConfirmError"></p>
            </div>
        </div>
        <!--DDL GODINE-->
        <div id="ddlNaslov" class="mb-1 mt-4">
            <h1 class="text-white mb-5">Date Of Birth</h1>
        </div>
        <div id="ddlDatum" class="d-flex flex-lg-row flex-
column mb-lg-4">
            <div id="ddlYear" class="mb-5 mb-lg-0">
                <!--dinamicko ispisivanje-->
            </div>
            <span class="hideError " id="godineError">*</span>
            <div id="ddlMonth" class="ml-lg-5 ml-0 mb-5 mb-lg-
0">
                <!--dinamicko ispisivanje-->
            </div>
            <span class="hideError" id="meseciError">*</span>
            <div id="ddlDay" class="ml-lg-5 ml-0">
                <!--dinamicko ispisivanje-->
            </div>

```



```

        <span class="hideError" id="daniError">*</span>
    </div>
    <h1 class="text-white mt-2">Gender</h1>
    <div id="rbPolovi" class="m-3 text-white d-flex flex-
lg-row">
        <input type="radio" name="Pol" id="polMuski"
value="Male"><label for="muskiPol" class="m1-3">Male</label>
        <input type="radio" name="Pol" id="polZenski"
value="Female" class="m1-5"><label for="zenskiPol" class="m1-3">Female</label>
        <input type="radio" name="Pol" id="polMuski"
value="Other" class="m1-5"><label for="drugo" class="m1-3">Other</label>
    </div>
    <p class="textUpozorenje m1-4"
id="radioButtonError"></p>
    <p id="uspesnaPrijava"></p>
    <button type="button" class="btn btn-outline-secondary
mt-2 mb-5" id="submitForme">Submit</button>
    </form>
</div>
</div>
</div>

<div class="section orangeBgColor">
    <!--AUTOR-->
    <div class="container-fluid orangeBgColor" id="author">
        <div class="col-12 text-center p-5">
            <h2 class="display-4 text-light">AUTHOR</h2>
        </div>
        <div class="row d-flex justify-content-center">
            <div class="col-12 col-lg-4 text-center">
                <a href="assets/images/autorSlika.jpg"></a>
            </div>
            <div class="col-12 col-lg-4">
                <p class="text-center text-light mb-5">
                    Hi, my name is Kristijan!
                    I am 22 years old and I'm from Serbia! I am a
junior student at ICT College, studying IT technologies.
                    I enjoy making web sites and I am interested in
web development! In this website, I've used HTML5, CSS3, Bootstrap, JavaScript
and JQuery.
                </p>
                <div id="showMoreAuthor">
                    <div class="row text-center">
                        <div class="col-12">
                            <p class="text-center text-light mb-5">My
hobbies are playing video games and working out. You can check my social media
below!</p>

```

```

        <div class="text-center">
            <a href="facebook.com"><i class="fab fa-
facebook-square mr-5"></i></a>
            <a href="instagram.com"><i class="fab fa-
instagram ml-5"></i></a>
        </div>
    </div>
</div>
<div class="row d-flex justify-content-center mt-5">
    <input type="button" class="btn-info mb-5"
id="btnPrikaziViseAutor" value="Show more">
</div>
</div>
</div>

</div>

<div class="section fp-auto-height">
    <!-- FOOTER -->
    <footer>
        <div class="container-fluid p-5">
            <div class="row">
                <div class="col-lg-4 col-12 mb-5 mb-lg-0 text-center">
                    <a href="https://www.instagram.com"><i class="fab fa-
instagram"></i></a>
                    <a href="https://www.facebook.com"><i class="fab fa-
facebook-square ml-5"></i></a>
                    <a href="sitemap.xml"><i class="fas fa-sitemap ml-
5"></i></a>
                    <a href="dokumentacija.pdf"><i class="fas fa-file-alt
ml-5"></i></a>
                </div>
                <div class="col-lg-4 col-12 mb-5 mb-lg-0 text-center">
                    <h2 class="greyTextColor"><i class="far fa-copyright
greyTextColor"></i>&nbsp;&nbsp;&nbsp; XArchitecture</h2>
                </div>
                <div class="col-lg-4 col-12 text-center">
                    <a href="#1" id="backToTop">Back to top</a>
                </div>
            </div>
        </div>
    </div>
</div>
</div>
</div>

```

```

    <!-- učitavanje js fajlova -->
    <script src="assets/js/main.js" type="text/javascript"></script>
    <script type="text/javascript" src="assets/js/fullpage.js"></script>
    <script type="text/javascript"
src="assets/js/fullpage.extensions.min.js"></script>
</body>

</html>

```

## 3.2 Javascript

```

window.onload = function(){
    imageSlider();
    document.getElementById("btnArchitects").addEventListener("click", showArchitects);
    document.getElementById("btnDesigners").addEventListener("click", showDesigners);

    //ISPIS DATUMA
    //Ispis Godina
    let nizGodina = [];
    let godina = new Date().getFullYear();
    for(let i=godina; i>1929; i--){
        nizGodina.push(i);
    }

    let godineIspis = "<select id='godina'>";
    godineIspis += "<option>Year</option>";
    for (let i in nizGodina) {
        godineIspis += "<option>" + nizGodina[i] + "</option>";
    }
    godineIspis += "</select>";
    document.getElementById("ddlYear").innerHTML = godineIspis;

    //Ispis meseci
    let nizMeseca = [];
    for(let i = 12; i>0; i--){
        nizMeseca.push(i);
    }

    let meseciIspis = "<select id='mesec'>";
    meseciIspis += "<option>Month</option>";
    for (let i in nizMeseca) {
        meseciIspis += "<option>" + nizMeseca[i] + "</option>";
    }
    meseciIspis += "</select>";
    document.getElementById("ddlMonth").innerHTML = meseciIspis;

```

```

    //Ispis dana
    let nizDana = [];
    for(let i = 31; i>0;i--){
        nizDana.push(i);
    }
    let daniIspis = "<select id='dan'>";
    daniIspis += "<option>Day</option>";
    for (let i in nizDana) {
        daniIspis += "<option>"+nizDana[i]+"</option>";
    }
    daniIspis += "</select>";
    document.getElementById("ddlDay").innerHTML = daniIspis;

    //ISPIS SLIKA
    let nizSlikaZaGaleriju=[
        {
            putanjaSlike: "assets/images/projekat1.jpg",
            altSlike: "Projekat1"
        },
        {
            putanjaSlike: "assets/images/projekat2.jpg",
            altSlike: "Projekat2"
        },
        {
            putanjaSlike: "assets/images/projekat3.jpg",
            altSlike: "Projekat3"
        },
        {
            putanjaSlike: "assets/images/projekat4.jpg",
            altSlike: "Projekat4"
        }
    ];

    let ispisSlika = "";
    let divGalerije = document.getElementById("mestoZaIspisSlika");
    nizSlikaZaGaleriju.forEach(function(slika){
        ispisSlika += `<div class="col-lg-3 col-md-6 pl-0 pr-0">
            
        </div>`;
    });
    divGalerije.innerHTML = ispisSlika;

    //ISPIS ARHITEKTI
    let nizArhitekti = [
        {
            putanjaArhitektaSlika: "assets/images/radnik1.jpg",

```

```

        altArhitektaSlika: "worker1",
        imeArhitekta: "Robert Anderson"
    },
    {
        putanjaArhitektaSlika: "assets/images/radnik2.jpg",
        altArhitektaSlika: "worker2",
        imeArhitekta: "Nathan Johnson"
    },
    {
        putanjaArhitektaSlika: "assets/images/radnik3.jpg",
        altArhitektaSlika: "worker3",
        imeArhitekta: "Abigail Walker"
    }
];

let ispisArhitekti = "";
let divZaArhitekto = document.getElementById("blockArchitects");
nizArhitekti.forEach(function(arhi){
    ispisArhitekti +=`<div class="col-lg-4 col-md-12 d-flex justify-content-center mb-5">
        <div class="card w-75">
            
            <div class="card-body">
                <h5 class="card-title orangeTextColor">${arhi.imeArhitekta}</h5>
            </div>
        </div>
    </div>`;
});
divZaArhitekto.innerHTML = ispisArhitekti;

//ISPIS DIZAJNERA

let nizDizajnera = [
    {
        putanjaDizajnerSlika: "assets/images/radnik4.jpg",
        altDizajnerSlika: "worker1",
        imeDizajner: "Jack Hudson"
    },
    {
        putanjaDizajnerSlika: "assets/images/radnik5.jpg",
        altDizajnerSlika: "worker2",
        imeDizajner: "John Evans"
    },
    {
        putanjaDizajnerSlika: "assets/images/radnik6.jpg",
        altDizajnerSlika: "worker3",
        imeDizajner: "Tammy Abraham"
    }
];

```

```

    }
  ];

  let ispisDizajnera = "";
  let divZaDizajnere = document.getElementById("blockDesigners");
  nizDizajnera.forEach(function(diz){
    ispisDizajnera +=`<div class="col-lg-4 col-md-12 d-flex justify-content-center mb-5">
      <div class="card w-75">
        
        <div class="card-body">
          <h5 class="card-title orangeTextColor">${diz.imeDizajner}</h5>
        </div>
      </div>
    </div>`
  });
  divZaDizajnere.innerHTML = ispisDizajnera;
}

//button Prikazi vise za autora
$('#showMoreAuthor').css("display", "none");
$('#btnPrikaziViseAutor').click(function (e) {
  e.preventDefault();
  if ($('#showMoreAuthor').is(':visible')) {
    $('#showMoreAuthor').slideUp();
    $(this).val('Show More');
  } else {
    $('#showMoreAuthor').slideDown();
    $(this).val('Show Less');
  }
});

});

//SLIDER
let i = 0;
let nizSlika = ["sliderSlika1", "sliderSlika2", "sliderSlika3"];

function imageSlider(){
  document.getElementById("slider").style.backgroundImage =
"url('assets/images/"+nizSlika[i]+"'.jpg)";

  if(i < nizSlika.length-1){
    i++;
  }
  else{
    i=0;
  }
}

```



```

    }

    setTimeout("imageSlider()", 4000);
}

//REGULARNI IZRAZI

document.getElementById("submitForme").addEventListener("click",function(){
    //dohvatanje vrednosti iz forme
    let ime = document.getElementById("firstName").value.trim();
    let prezime = document.getElementById("lastName").value.trim();
    let email = document.getElementById("email").value.trim();
    let confirmEmail = document.getElementById("emailConfirm").value.trim();
    let godine = document.getElementById("godina").value;
    let meseci = document.getElementById("mesec").value;
    let dani = document.getElementById("dan").value;
    let pol = document.getElementsByName("Pol");

    //dohvatanje divova za erore
    let imeGreska = document.getElementById("firstNameError");
    let prezimeGreska = document.getElementById("lastNameError");
    let emailGreska = document.getElementById("emailError");
    let confirmEmailGreska = document.getElementById("emailConfirmError");
    let godineGreska = document.getElementById("godineError");
    let meseciGreska = document.getElementById("meseciError");
    let daniGreska = document.getElementById("daniError");
    let polGreska = document.getElementById("radioButtonError");

    //regex

    let regexIme = /^[A-Z][a-z]{2,15}$/;
    let regexPrezime = /^[A-Z][a-z]{2,15}$/;
    let regexEmail = /^[a-z]+[\.\-\_\!\a-z\d]*@[a-z]{2,10}(\.[a-z]{2,3}){1,2}$/;

    //PROVERA
    let brojGresaka = 0;
    //ime
    if(ime==""){
        imeGreska.innerHTML = "This field is required!";
        document.getElementById("firstName").style.borderBottom = "3px solid red";
        brojGresaka++;
    }
    else if(!regexIme.test(ime)){
        imeGreska.innerHTML = "Enter valid name!";
        document.getElementById("firstName").style.borderBottom = "3px solid red";
    }

```

```

        brojGresaka++;
    }else{
        imeGreska.innerHTML = "";
        document.getElementById("firstName").style.borderBottom = "3px solid
green";
    }

    //prezime
    if(prezime==""){
        prezimeGreska.innerHTML = "This field is required!";
        document.getElementById("lastName").style.borderBottom = "3px solid
red";
        brojGresaka++;
    }
    else if(!regexPrezime.test(prezime)){
        prezimeGreska.innerHTML = "Enter valid lastname!";
        document.getElementById("lastName").style.borderBottom = "3px solid
red";
        brojGresaka++;
    }else{
        prezimeGreska.innerHTML = "";
        document.getElementById("lastName").style.borderBottom = "3px solid
green";
    }

    //email
    if(email==""){
        emailGreska.innerHTML = "This field is required!";
        document.getElementById("email").style.borderBottom = "3px solid red";
        brojGresaka++;
    }
    else if(!regexEmail.test(email)){
        emailGreska.innerHTML = "Enter valid e-mail!";
        document.getElementById("email").style.borderBottom = "3px solid red";
        brojGresaka++;
    }else{
        emailGreska.innerHTML = "";
        document.getElementById("email").style.borderBottom = "3px solid
green";
    }

    //confirmEmail
    if(confirmEmail==""){
        confirmEmailGreska.innerHTML = "This field is required!";
        document.getElementById("emailConfirm").style.borderBottom = "3px
solid red";
        brojGresaka++;
    }

```

```

    else if(email!=confirmEmail){
        confirmEmailGreska.innerHTML = "Please confirm with correct e-mail!";
        document.getElementById("emailConfirm").style.borderBottom = "3px
solid red";
        brojGresaka++;
    }
    else{
        confirmEmailGreska.innerHTML = "";
        document.getElementById("emailConfirm").style.borderBottom = "3px
solid green";
    }

    //godine
    if(godine == "Year") {
        godineGreska.classList.add("showError");
        brojGresaka++;
    } else {
        godineGreska.classList.remove("showError");
        console.log("Izabrana godina");
    }
    //meseci
    if(meseci == "Month") {
        meseciGreska.classList.add("showError");
        brojGresaka++;
    } else {
        meseciGreska.classList.remove("showError");
        console.log("Izabran mesec");
    }

    //dani
    if(dani == "Day") {
        daniGreska.classList.add("showError");
        brojGresaka++;
    } else {
        daniGreska.classList.remove("showError");
        console.log("Izabran dan");
    }

    //POL
    let isValidPol = false;

    for(let i=0; i< pol.length; i++){
        if(pol[i].checked){
            isValidPol = true;
            break;
        }
    }
}

```

```

    if(!isValidPol){
        polGreska.innerHTML = "Please choose gender!";
        brojGresaka++;
    }
    else {
        polGreska.innerHTML = "";
        console.log("Izabran pol");
    }

    if(brojGresaka == 0){
        document.querySelector("#uspesnaPrijava").innerHTML = "You have
subscribed!";
    }
    else document.querySelector("#uspesnaPrijava").innerHTML = "";
})

function showArchitects(){
    document.getElementById("blockArchitects").style.display="flex";
    document.getElementById("blockDesigners").style.display="none";
    document.getElementById("btnArchitects").style.backgroundColor="rgba(255,1
33,89,1)";
    document.getElementById("btnDesigners").style.backgroundColor="rgba(51,51,
51,1)";
}

function showDesigners(){
    document.getElementById("blockArchitects").style.display="none";
    document.getElementById("blockDesigners").style.display="flex";
    document.getElementById("btnArchitects").style.backgroundColor="rgba(51,51
,51,1)";
    document.getElementById("btnDesigners").style.backgroundColor="rgba(255,13
3,89,1)";
}

```

### 3.3 jQuery

```

//JQUERY
$(document).ready(function(){
    //fullpage plugin
    $('#fullpage').fullpage({
        autoScrolling:true,
        scrollHorizontally: false,
        anchors: ["home", "intro", "projects","crew","news","auth","footer"],
        menu: ".menu",
        responsiveHeight: 900,
        responsiveWidth: 500,
        scrollBar: false
    });

```

```

});

$("#bars").click(function(){
    $(".menu--off").css('display', 'block');
})
$("#leftArrow").click(function(){
    $(".menu--off").css('display', 'none');
})
$("#nav li").click(function(){
    $(".menu--off").css('display', 'none');
})

//dodavanje boje texta na p tagove u about-u
$("#specializationBlok p").addClass("orangeTextColor");

//button Prikazi vise za about
$('#showMoreTextAbout').css("display", "none");
$('#btnPrikaziVise').click(function (e) {
    e.preventDefault();
    if ($('#showMoreTextAbout').is(':visible')) {
        $('#showMoreTextAbout').slideUp();
        $(this).val('Show More');
    } else {
        $('#showMoreTextAbout').slideDown();
        $(this).val('Show Less');
    }
});

//button Prikazi vise za autora
$('#showMoreAuthor').css("display", "none");
$('#btnPrikaziViseAutor').click(function (e) {
    e.preventDefault();
    if ($('#showMoreAuthor').is(':visible')) {
        $('#showMoreAuthor').slideUp();
        $(this).val('Show More');
    } else {
        $('#showMoreAuthor').slideDown();
        $(this).val('Show Less');
    }
});
});
});

```

## 3.4 CSS

```
@import url('https://fonts.googleapis.com/css2?family=Manrope&display=swap');
* {
  margin: 0;
  padding: 0;
}

html {
  scroll-behavior: smooth; }

body {
  font-family: "Manrope", sans-serif;}

a {
  text-decoration: none; }

.border {
  border: 2px #ff6425 !important; }

/*Pocetna strana*/
.fill {
  min-height: 100vh !important;
  width: 100% !important; }
#h1intro{font-size: 4.3vw;}

#slider {
  background-image: url(../images/sliderSlika1Edit.jpg);
  background-repeat: no-repeat;
  background-position: center;
  background-size: cover;
  transition: 1.5s;
  transition-timing-function: ease-in-out;}
#slider #modalBoxContact {
  position: absolute;
  right: 20px;
  top: 20px;
  width: 4%;
  height: 8%;
  background-color: rgba(255, 255, 255, 0.9);
  border-radius: 50%; }
#slider #modalBoxContact i:hover {
  text-shadow: 0px 0px 10px #ff6425; }
```



```
.visinaZaHr {
  height: 5px; }

.lightGrayText {
  color: #A9A9A9; }

.orangeBgColor {
  background: linear-gradient(90deg, rgba(255,85,22,1) 0%, rgba(255,133,89,1)
36%, rgba(255,209,192,1) 100%); }

.orangeTextColor {
  color: #ff6425;}

.greyBgColor {
  background: linear-gradient(90deg, rgba(51,51,51,1) 0%, rgba(121,121,121,1)
45%, rgba(201,201,201,1) 100%); }

.greyTextColor {
  color: #333333; }

i {
  font-size: 2vw;
  cursor: pointer;
  width: 4%;
  transition: 0.4s; }
i:hover {
  text-shadow: 0px 0px 6px black; }

/*Nav meni*/
.menu--off {
  position: absolute;
  z-index: 2;
  width: 100%;
  display: none;
  background-color: rgba(255, 255, 255, 0.9);
  height: auto;
  box-shadow: 8px 8px 20px 0 rgba(0, 0, 0, 0.2);
  transition: all 500ms; }
.menu--off i:hover {
  text-shadow: 0px 0px 10px #ff6425; }
.menu--off #leftArrow {
  position: absolute;
  z-index: 2;
  right: 0;
  margin-right: 2vw;
  margin-top: 1vw; }
.menu--off #nav ul {
  list-style-type: none; }
```

```

.menu--off #nav ul li {
  text-align: center;
  margin-bottom: 20%; }
.menu--off #nav ul li a {
  color: #ff6425;
  text-decoration: none;
  font-size: 3vw;
  transition: all 500ms; }
.menu--off #nav ul li a:hover {
  color: #333333; }

/* FORMA */
#modalBoxForm {
  background: linear-gradient(90deg, rgba(51,51,51,1) 0%, rgba(121,121,121,1)
45%, rgba(201,201,201,1) 100%);}
#modalBoxForm i {
  color: white; }
#modalBoxForm i:hover {
  color: #ff6425; }

form .formElements {
  margin-top: 10px;
  margin-bottom: 10px; }
form .textUpozorenje {
  text-align: left;
  color: red; }
form input[type="text"], form input[type="email"] {
  background: transparent;
  border-bottom: 3px solid white;
  font-size: 1.3vw;
  margin-bottom: 5%;
  padding: 3%;
  color: white;
  border-top-width: 0px;
  border-left-width: 0px;
  border-right-width: 0px; }
form ::placeholder {
  color: white;
  opacity: 0.5; }
form input[type="text"]:focus {
  outline: none;
  border-bottom: 3px solid #ff6425;
  transition: 0.5s; }
form input[type="email"]:focus {
  outline: none;
  border-bottom: 3px solid #828282;
  transition: 0.5s; }
form select {

```

```

-webkit-appearance: none;
-moz-appearance: none;
appearance: none;
font-size: 1.3vw;
width: 150px;
background: transparent;
color: white;
border: 3px solid #fff;
padding: 3%;
background-image: url("../images/arrowdownedit.png");
background-repeat: no-repeat;
background-position: 98% center;
cursor: pointer; }
form select:focus {
  outline: none;
  border: 3px solid #828282;
  transition: 0.5s; }
  form select:focus option {
    background-color: #333333; }
form input[type="radio"] {
  width: 20px;
  height: 20px; }
form label {
  font-size: 1.1vw; }
form .btn-outline-secondary {
  color: white !important;
  border: 4px solid white !important;
  font-size: 1.3vw;
  border-radius: 0 !important; }
  form .btn-outline-secondary:hover {
    background-color: #828282; }
form .borderUpozorenje {
  border-bottom: 3px solid red; }
form .hideError {
  display: none; }
form .showError {
  display: block;
  color: red;
  margin-left: 5px;
  font-size: 1vw; }
#uspesnaPrijava{
  color:green;
  font-size: 25px;
}

#aboutBlok p {
  font-size: 1.1vw; }
#aboutBlok #btnPrikaziVise {

```

```
    font-size: 1vw;
    padding: 10px;
    width: 140px; }
#aboutBlok #specializationBlok p {
    font-size: 1.5vw; }
#aboutBlok #specializationBlok i {
    font-size: 2.5vw; }
#aboutBlok #specializationBlok i:hover {
    text-shadow: 0px 0px 0px black; }

#blockDesigners {
    display: none;
    transition: all 500ms; }

#btnArchitects {
    background-color: #ff8559; }

#btnDesigners {
    background-color: #333333; }

#blockArchitects {
    transition: all 500ms; }

#author p {
    font-size: 1.5vw; }
#author input[type="button"] {
    font-size: 1.5vw;
    width: 200px; }
#author #showMoreAuthor a {
    color: #333333; }
#author #showMoreAuthor a i {
    font-size: 3vw; }

/*Footer*/
footer a {
    color: #ff8559; }
footer a:hover {
    color: #333333;
    text-decoration: none; }
footer i:hover {
    text-shadow: 0px 0px 0px black; }
footer #backToTop {
    font-size: 2vw; }
```

## 3.5 MediaQuery

```
@media (max-width: 1600px){

    .menu--off #leftArrow{
        font-size: 3vw;
        right: 10px;
    }
    #gornjiLeviBlok #bars{
        font-size: 3vw;
    }
}

@media (max-width: 1400px){

    footer i{
        font-size: 3vw;
    }
    #gornjiLeviBlok h1{
        font-size: 5vw;
    }
}

@media (max-width: 1250px){

    #menu #nav ul li a{
        font-size: 4vw;
    }
    input[type="text"],input[type="email"]{
        width: 250px;
    }
    form input[type="text"]::placeholder{
        font-size: 2.5vw;
    }
    form input[type="email"]::placeholder{
        font-size: 2.5vw;
    }

    form select{
        width: 160px;
        font-size: 2vw;
    }
    form input[type="radio"]{
        width: 25px;
    }
}
```

```

        height: 25px;
    }
    form label{
        font-size: 2.5vw;
    }
    form .btn-outline-secondary{
        font-size: 2vw;
    }

    #aboutBlok #specializationBlok i{
        font-size: 4vw;
    }
    #aboutBlok #specializationBlok p{
        font-size: 3.5vw;
    }

    #aboutBlok p{
        font-size: 2vw;
    }

    #aboutBlok #btnPrikaziVise{
        font-size: 2vw;
    }
    #author p{
        font-size: 2.5vw;
    }
    #author #showMoreAuthor a i{
        font-size: 5vw;
    }
}

@media (max-width: 1100px){
    .menu--off #leftArrow{
        font-size: 3vw;
        right: 10px;
    }
    #gornjiLeviBlok h1{
        font-size: 6vw;
    }

    #author p{
        font-size: 3vw;
    }
    #author input[type="button"]{
        font-size: 3vw;
    }
}

```



```
@media (max-width: 991px){
  #menu #nav ul li a{
    font-size: 6vw;
  }
  #slider{
    height: 700px;
  }

  #gornjiLeviBlok{
    padding: 0;
    margin: 0!important;
    height: 500px !important;
  }
  #gornjiLeviBlok h1{
    font-size: 8vw;
  }
  #donjiLeviBlok{
    padding: 0;
    margin: 0!important;
    height: 500px !important;
  }
  form select{
    width: 180px;
    font-size: 2.3vw;
  }
  form .btn-outline-secondary{
    font-size: 3vw;
  }

  .menu--off #leftArrow{
    font-size: 6vw;
    right: 10px;
  }

  #gornjiLeviBlok #bars{
    font-size: 4vw;
  }
  footer i{
    font-size: 4.5vw;
  }
  footer #backToTop{
    font-size: 3.5vw;
  }
}
@media (max-width: 767.98px) {
  footer #backToTop{
    font-size: 4vw;
  }
}
```

```
form select{
    width: 250px;
    font-size: 3vw;
}
form label{
    font-size: 3vw;
}

input[type="text"],input[type="email"]{
    width: 330px;
}
form input[type="text"]::placeholder{
    font-size: 3.3vw;
}
form input[type="email"]::placeholder{
    font-size: 3.3vw;
}
#aboutBlok #specializationBlok i{
    font-size: 10vw;
}
#aboutBlok #specializationBlok p{
    font-size: 4.5vw;
}

#aboutBlok p{
    font-size: 3vw;
}

#aboutBlok #btnPrikaziVise{
    font-size: 3vw;
}
#gornjiLeviBlok h1{
    font-size: 11vw;
}
#gornjiLeviBlok #bars{
    font-size: 6vw;
}
#author p{
    font-size: 4.5vw;
}
#author input[type="button"]{
    font-size: 4vw;
}
#author #showMoreAuthor a i{
    font-size: 7vw;
}
footer i{
    font-size: 5.5vw;
}
```

```
}
h2, span{font-size: 9vw;}
}

@media (max-width: 575.98px) {
  .menu--off #leftArrow{
    font-size: 8vw;
    right: 20px;
  }
  form select{
    font-size: 4vw;
  }
  .fill{
    width: 100%;
    height: 100%;
  }

  form input[type="text"]::placeholder{
    font-size: 5vw;
  }
  form input[type="email"]::placeholder{
    font-size: 5vw;
  }
  form label{
    font-size: 5vw;
  }

  form input[type="text"],input[type="email"]{
    width: 250px;
    height: 45px;
    font-size: 5vw;
  }
  form .btn-outline-secondary{
    font-size: 5vw;
  }
  #content1 h2{
    font-size: 14vw;
  }
  #aboutBlok #specializationBlok i{
    font-size: 8.5vw;
  }
  #aboutBlok #specializationBlok p{
    font-size: 7vw;
  }
  #aboutBlok #specializationBlok h3{
    font-size: 10vw;
  }
}
```

```
#aboutBlok p{
    font-size: 3.5vw;
}

#aboutBlok #btnPrikaziVise{
    font-size: 3.5vw;
}
#gornjiLeviBlok #bars{
    font-size: 7vw;
}
#radnici h2{
    font-size: 10vw;
}
#author input[type="button"]{
    font-size: 5vw;
}
#author #showMoreAuthor a i{
    font-size: 9vw;
}
footer i{
    font-size: 6.5vw;
}
footer #backToTop{
    font-size: 4.5vw;
}
}

@media (max-width: 445.98px){

    #aboutBlok p{
        font-size: 4vw;
    }

    #aboutBlok #btnPrikaziVise{
        font-size: 4vw;
    }
    #content1 #aboutBlok h3{
        font-size: 6vw;
    }
    #gornjiLeviBlok h1{
        font-size: 12vw;
    }
    #gornjiLeviBlok #bars{
        font-size: 8vw;
    }
    #author p{
        font-size: 5.5vw;
    }
}
```

```
    footer i{
        font-size: 7.5vw;
    }
    .menu--off #leftArrow{
        font-size: 10vw;
        right: 20px;
    }
}

@media (max-width: 375.98px){
    #menu #nav ul li a{
        font-size: 8vw;
    }
    form input[type="text"]::placeholder{
        font-size: 6vw;
    }
    form input[type="email"]::placeholder{
        font-size: 6vw;
    }

    form select{
        font-size: 6vw;
    }

    form input[type="text"],input[type="email"]{
        width: 230px;
        height: 45px;
        font-size: 6vw;
    }

    #aboutBlok #specializationBlok i{
        font-size: 15vw;
    }
    #aboutBlok #specializationBlok p{
        font-size: 9vw;
    }
    #ourwork #specializationBlok h3{
        font-size: 18vw;
    }
    #aboutBlok p{
        font-size: 6.5vw ;
    }
    #aboutBlok #btnPrikaziVise{
        font-size: 6vw;
    }
    #content1 #aboutBlok h3{
        font-size: 12vw;
    }
}
```

```
#gornjiLeviBlok h1{
    font-size: 11vw;
}
#gornjiLeviBlok #bars{
    font-size: 9vw;
}
#author input[type="button"]{
    font-size: 6vw;
}
footer i{
    font-size: 8.5vw;
}
footer #backToTop{
    font-size: 5.5vw;
}
}
```