

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 Korišćeni 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 ljudi/radnika u vidu objekata
- Dinamički ispis dropdown liste
- Provera unetih podataka u formu prilikom pritiska na dugme submit/validacija forme
- Pritiskom na dugme slike autora otvara se modalbox odnosno plugin jQuery-ja
- 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 VanillaBox i Bootstrap.



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

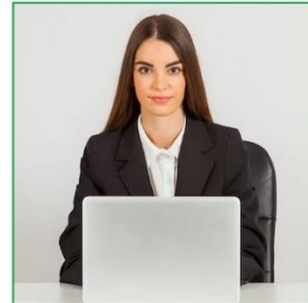
Designers



Robert Anderson



Nathan Johnson



Abigail Walker

Subscribe to the Newsletter!

First NameLast Name

E-mailConfirm E-mail

Date Of Birth

Year▼Month▼Day▼

Gender

☐ Male☐ Female☒ Other

Submit



2. Organizacija

2.1 Organizaciona sema

Sajt je rađen kao single page stranica.

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.github.io/</loc>
    <lastmod>2023-12-08T19:09:34+00:00</lastmod>
  </url>

</urlset>
```

2.3 Slike stranica I opis funkcionalnosti

Sajt je rađen kao single page stranica.



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

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 eskpandirajući meni se zatvara.

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[Show more](#)

our specialization



ARCHITECTURE



INTERIORS



PLANING

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

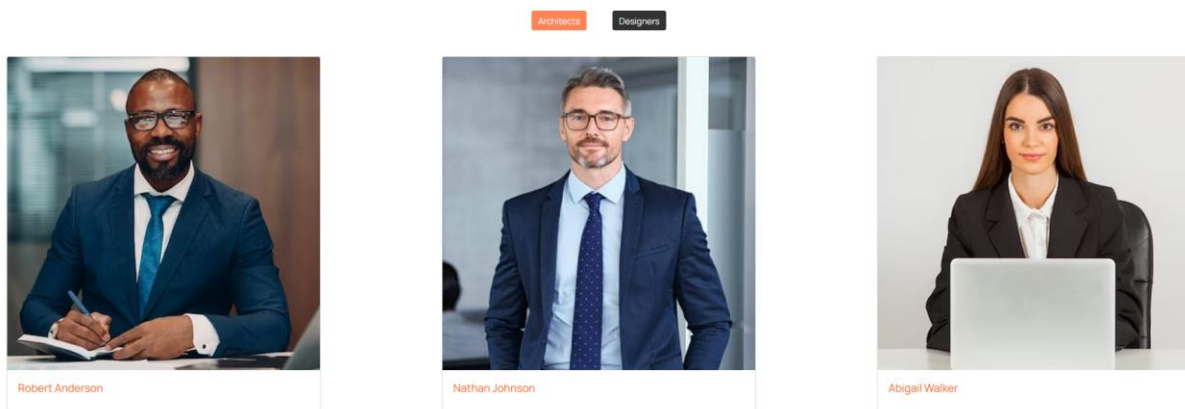
Jedina funkcionalnost u ovom delu sajta jeste dugme “Show more/show less” na čiji se klik otvara dodatni sadržaj uz pomoć jQuery koda.

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.

A dark grey form titled 'Subscribe to the Newsletter!'. It contains four input fields: 'First Name', 'Last Name', 'E-mail', and 'Confirm E-mail'. Below these is a 'Date Of Birth' section with three dropdown menus for 'Year', 'Month', and 'Day'. Underneath is a 'Gender' section with three radio buttons labeled 'Male', 'Female', and 'Other'. At the bottom is a 'Submit' button.

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.



Hi, my name is Kristijan! I am 21 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.

Klikom na sliku otvara se vanillabox, jquery plugin.

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. Kodovi

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>
  <script src="assets/js/jquery.vanillabox.js" type="text/javascript"></script>
  <script src="assets/js/main.js" type="text/javascript"></script>
</head>
<body>
  <!--HEADER-->
  <div class="container-fluid fill p-0 m-0 d-lg-flex flex-lg-row flex-md-
column" id="pocetna">
    <!--LEVI BLOK-->
    <div class="container-fluid d-flex flex-column p-0 m-0">
      <!--EKSPANDIRAJUCI MENI-->
      <div class="menu--off" id="menu">
        <i class="fas fa-arrow-left" id="leftArrow"></i>
        <div class="container d-flex justify-content-center mt-5"
id="nav">
          <ul>
```

```

        <li><a href="#">Home</a></li>
        <li><a href="#content1">About Us</a></li>
        <li><a href="#galerija">Projects</a></li>
        <li><a href="#radnici">Crew</a></li>
        <li><a href="#modalBoxForm">Newsletter</a></li>
        <li><a href="#author">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 class="display-1">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>
</div>
<!--DESNI BLOK-->
<!--SLIDER-->
<div class="container-fluid p-0 m-0 h-md-100" id="slider">
    <!--SLIDER IZ JS-A-->
</div>
</div>
<!--content1-->
<div class="container-fluid" id="content1">

    <div class="row d-flex justify-content-center">
        <div class="col-12 text-center p-5">
            <h2 class="display-lg-2 display-3 display-sm-4 p-5"><span
class="greyTextColor">ABOUT</span><span class="orangeTextColor">
XARCHITECTURE</span></h2>
        </div>
    </div>
    <div class="row mt-5 p-5" id="aboutBlok">

```

```

        <div class="col-1"></div>
        <div class="col-12 col-lg-4 text-left">
            <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 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">ARHITEKTURE</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>
    <div class="row d-flex justify-content-center mt-5">
        <div class="col-12 text-center p-5">
            <h2 class="display-lg-2 display-3 display-sm-4 p-5"><span
class="greyTextColor">OUR</span><span class="orangeTextColor">
PROJECTS</span></h2>
        </div>
    </div>
</div>
<!--CONTENT2 GALERIJA-->
<div class="container-fluid" id="galerija">
    <div class="row" id="mestoZaIspisSlika">

```

```

        <!--DINAMICKI ISPIS SLIKA-->
    </div>
</div>

<!--RADNICI-->
<div class="container-fluid" id="radnici">
    <div class="row d-flex justify-content-center mt-5">
        <div class="col-12 text-center p-5">
            <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>
    <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-4" id="blockArchitects">
        <!--DINAMICKI ISPIS ARHITEKTI-->
    </div>
    <div class="row mb-5 pb-4" id="blockDesigners">
        <!--DINAMICKI ISPIS DIZAJNERA-->
    </div>
</div>
<!--FORMA-->
<div class="container-fluid" id="modalBoxForm">
    <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-5">Gender</h1>
<div id="rbPolovi" class="m-5 text-white d-flex flex-lg-
row">
    <input type="radio" name="Pol" id="polMuski"
value="Male"><label for="muskiPol" class="ml-3">Male</label>

```



```

        <input type="radio" name="Pol" id="polZenski"
value="Female" class="ml-5"><label for="zenskiPol" class="ml-3">Female</label>
        <input type="radio" name="Pol" id="polMuski"
value="Other" class="ml-5"><label for="drugo" class="ml-3">Other</label>
    </div>
    <p class="textUpozorenje ml-4" id="radioButtonError"></p>
    <button type="button" class="btn btn-outline-secondary
mt-5 mb-5" id="submitForme">Submit</i></button>
    </form>
</div>
</div>
<!--AUTOR-->
<div class="container-fluid orangeBgColor" id="author">
    <div class="row d-flex justify-content-center">
        <div class="col-12 text-center p-5">
            <h2 class="display-lg-2 display-3 display-sm-4 p-5 text-
light">AUTHOR</h2>
        </div>
    </div>
    <div class="row mb-5">
        <div class="col-12 d-flex justify-content-center vanillaBoxSlika">
            <a href="assets/images/autorSlika.jpg"></a>
        </div>
    </div>
    <div class="row p-5">
        <div class="col-12">
            <p class="text-center text-light mb-5">
                Hi, my name is Kristijan!
                I am 21 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>
<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="dokumentacijaPdf.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;  XArchitecture</h2>
            </div>
            <div class="col-lg-4 col-12 text-center">
                <a href="#pocetna" id="backToTop">Back to top</a>
            </div>
        </div>
    </div>
</footer>
</body>
</html>

```

3.2 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; }

.fill {
  min-height: 100vh !important;
  width: 100% !important; }

#slider {
  background-image: url(../images/sliderSlika1Edit.jpg);
  background-repeat: no-repeat;
  background-position: center;
  background-size: cover;
  transition: 1s; }
  #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; }

.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; }

/* .menu--on {
  width: 100%;
  box-shadow: 8px 8px 20px 0 rgba(0, 0, 0, 0.2);
  transition: all 500ms;
} */
#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; }
```

```
.stop-scrolling {
  height: 100%;
  overflow: hidden; }

#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 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; }

vanilla box style
.vnbx * {
    box-sizing: content-box;
    -moz-box-sizing: content-box; }

.vnbx-mask {
    left: 0;
    overflow: auto;
    position: absolute;
    top: 0;
    z-index: 999; }

.vnbx-frame {
    position: absolute; }

.vnbx-button {
    -webkit-tap-highlight-color: transparent;
    -webkit-touch-callout: none;}

.vnbx-prev,
.vnbx-next {
    visibility: hidden; }

.vnbx-group .vnbx-prev,
.vnbx-group .vnbx-next {
    visibility: visible; }

.vnbx-pager {
    visibility: hidden; }

.vnbx-group .vnbx-pager {
    visibility: visible; }

.vnbx-container {
    overflow: hidden;
    position: relative; }

.vnbx-content {
    display: block;
```



```
    left: 50%;
    position: absolute;
    top: 50%; }

.vnbx-content > img {
    vertical-align: middle; }

.vnbx-content > iframe {
    border-width: 0;
    vertical-align: middle; }

.vnbx-ios .vnbx-content {
    overflow: auto;
    -webkit-overflow-scrolling: touch; }

.vnbx-ios .vnbx-content > iframe {
    display: block;
    height: 100%;
    width: 100%; }

.vnbx-empty {
    height: 150px;
    width: 200px; }

.vnbx-loading,
.vnbx-error {
    height: 150px;
    width: 200px; }

.vnbx-loading > img,
.vnbx-loading > iframe,
.vnbx-error > img,
.vnbx-error > iframe {
    display: none;
    height: 150px;
    width: 200px; }

.vnbx-mask {
    background-color: rgba(245, 245, 245, 0.8); }

.vnbx-frame {
    background-color: rgba(221, 221, 221, 0.9);
    border: rgba(213, 213, 213, 0.9) solid 1px;
    border-radius: 5px;
    padding: 38px 6px 6px; }
```

```
.vnbx-button {  
  position: absolute; }  
  
.vnbx-button.vnbx-disabled {  
  display: none; }  
  
.vnbx-close {  
  background-position: center center;  
  background-repeat: no-repeat;  
  background-size: 32px;  
  height: 26px;  
  right: 6px;  
  top: 6px;  
  width: 26px; }
```

3.3 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;
}
}

@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 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: 10vw;
    }
    #gornjiLeviBlok h1{
        font-size: 14vw;
    }
    #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;
    }
    #aboutBlok p{
        font-size:6.5vw ;
    }
    #aboutBlok #btnPrikaziVise{
        font-size: 6vw;
    }
    #content1 #aboutBlok h3{
        font-size: 12vw;
    }
    #gornjiLeviBlok h1{
        font-size: 16vw;
    }
    #gornjiLeviBlok #bars{
        font-size: 9vw;
    }
    #author input[type="button"]{
        font-size: 6vw;
    }
    footer i{
        font-size: 8.5vw;
    }
    footer #backToTop{
        font-size: 5.5vw;
    }
}
```

3.4 JavaScript – jQuery

```
window.onload = function(){
    imageSlider();
    document.getElementById("btnArchitects").addEventListener("click",showArchite
cts);
    document.getElementById("btnDesigners").addEventListener("click",showDesigner
s);

    //ISPIS DATUMA

    //Ispis Godina
var nizGodina = [];
for(let i=2023;i>1929;i--){
    nizGodina.push(i);
}

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

var 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
var nizDana = [];
for(let i = 31; i>0;i--){
    nizDana.push(i);
}
```

```

var 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
var 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"
}
];

var ispisSlika = "";
var 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
var 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"
}
];

var ispisArhitekti = "";
var divZaArhitekte = 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>`;
});
divZaArhitekte.innerHTML = ispisArhitekti;

//ISPIS DIZAJNERA

var 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"
    }
];

```

```

    }
  ];

  var ispisDizajnera = "";
  var 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;
}

```

```

//JQUERY
$(document).ready(function(){
  $("#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 teksta 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');
    }
});
//vanillabox za slike
$(".vanillaBoxSlika a").vanillabox();
})

//SLIDER
var i = 0;
var 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()", 2500);
}

//REGULARNI IZRAZI

document.getElementById("submitForme").addEventListener("click",function(){
    //dohvatanje vrednosti iz forme
    var ime = document.getElementById("firstName").value.trim();

```

```

var prezime = document.getElementById("lastName").value.trim();
var email = document.getElementById("email").value.trim();
var confirmEmail = document.getElementById("emailConfirm").value.trim();
var godine = document.getElementById("godina").value;
var meseci = document.getElementById("mesec").value;
var dani = document.getElementById("dan").value;
var pol = document.getElementsByName("Pol");

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

//regex

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

//PROVERA
//ime
if(ime==""){
    imeGreska.innerHTML = "This field is required!";
    document.getElementById("firstName").style.borderBottom = "3px solid
red";
}
else if(!regexIme.test(ime)){
    imeGreska.innerHTML = "Enter valid name!";
    document.getElementById("firstName").style.borderBottom = "3px solid
red";
}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";
    }
    else if(!regexPrezime.test(prezime)){
        prezimeGreska.innerHTML = "Enter valid lastname!";
        document.getElementById("lastName").style.borderBottom = "3px solid red";
    }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";
    }
    else if(!regexEmail.test(email)){
        emailGreska.innerHTML = "Enter valid e-mail!";
        document.getElementById("email").style.borderBottom = "3px solid red";
    }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";
    }
    else if(email!=confirmEmail){
        confirmEmailGreska.innerHTML = "Please confirm with correct e-mail!";
        document.getElementById("emailConfirm").style.borderBottom = "3px solid
red";
    }
    else{
        confirmEmailGreska.innerHTML = "";
        document.getElementById("emailConfirm").style.borderBottom = "3px solid
green";
    }

    //godine
    if(godine == "Year") {
        godineGreska.classList.add("showError");
    }

```

```

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

    //dani
    if(dani == "Day") {
        daniGreska.classList.add("showError");
    } 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!";
    }
    else {
        polGreska.innerHTML = "";
        console.log("Izabran pol");
    }
})

function showArchitects(){
    document.getElementById("blockArchitects").style.display="flex";
    document.getElementById("blockDesigners").style.display="none";
    document.getElementById("btnArchitects").style.backgroundColor="rgba(255,133,89,1)";

```

```
        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(255,133,89,1)";
}
```