

DOKUMENTACIJA

<https://nebojsa-glavinic.github.io/>

Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje 1

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1 UVOD

Tema sajta je portfolio. S obzirom na temu sajta, svi podaci o autoru su već prisutni tako da nije bilo potrebe za dodatnim linkovima ka drugim sajtovima. Korišćeno je više izvora besplatnih Template-a uz delimičnu modifikaciju. Za plugin **Slick** učitana su 2 dodatna CSS fajla koja su minimalno promenjena tako da nisu uključena u dokumentaciji.

1.1 Korišćeni programski jezici

Za izradu sajta korišćeni su **HTML 5**, **CSS 3**, **Bootstrap**, **Javascript** i **jQuery**.

Kod je pisan u Visual Studio Code-u.

1.2 Opis funkcionalnosti

- Dinamički ispisana navigacija preko Javascripta
- Dinamički ispisivanje imena i prezimena autora (slovo po slovo) **Typelt** scriptom
- Dinamički ispisani tekst, umesto preko HTML-a, unet dinamički JS-om
- **new** Korišćen jQuery za menjanje slika o autoru - jQuery slider
- Dinamički ispisani projekti, učitavanje novih projekata, kao i provera tehnika koje su korišćene za izradu istih
- **new** Za education blokove iskorišćen **Tilt** plugin
- **new** Korišćenjem jQuery plugin-a **Slick** napravljen slajder sa svim projektima
- Dinamički ispisana lista veština (Skills)
- U svedočenjima (Testimonials) klikom na slike clijenata otvaraju se njihova svedočenja - jQuery metode, **addClass()**, **removeClass()**
- **new** Za statistike (brojač) korišćen je jQuery counter
- **new** Dodata nova polja u formu sa validacijom (fullName, phoneNumber, rateMe)
- Provera podataka iz forme prilikom slanja kontakt poruke regularnim izrazima
- Po uspešnom submit-ovanju forme dinamički se ispisuje poruka da je poruka poslata
- Kontrole strelice za scroll-ovanje sa vrha ka prvom sledećem div-u kao i scroll-ovanje na početak stranice - jQuery
- Dinamički ispisana lista društvenih mreža u footer-u
- U footer-u se nalazi, kao primer, i interni Javascript koji ispisuje tekuću godinu
- Sajt ima ispisani Sitemap, RSS, robots.txt
- **new** Dodati favicon

2 Organizaciona šema

Sajt je rađen kao single/one page stranica.



index.html

2.1 Sitemap

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

2.2 RSS

```
<rss version="2.0">
  <channel>
    <title>New Projects</title>
    <link>https://nebojsa-glavinic.github.io/</link>
    <description>New project uploaded, check it out.</description>
    <item>
      <title>New Skill</title>
      <link>https://nebojsa-glavinic.github.io/</link>
      <description>New skill learned, check it out.</description>
    </item>
  </channel>
</rss>
```

2.3 Slike stranica i opis funkcionalnosti



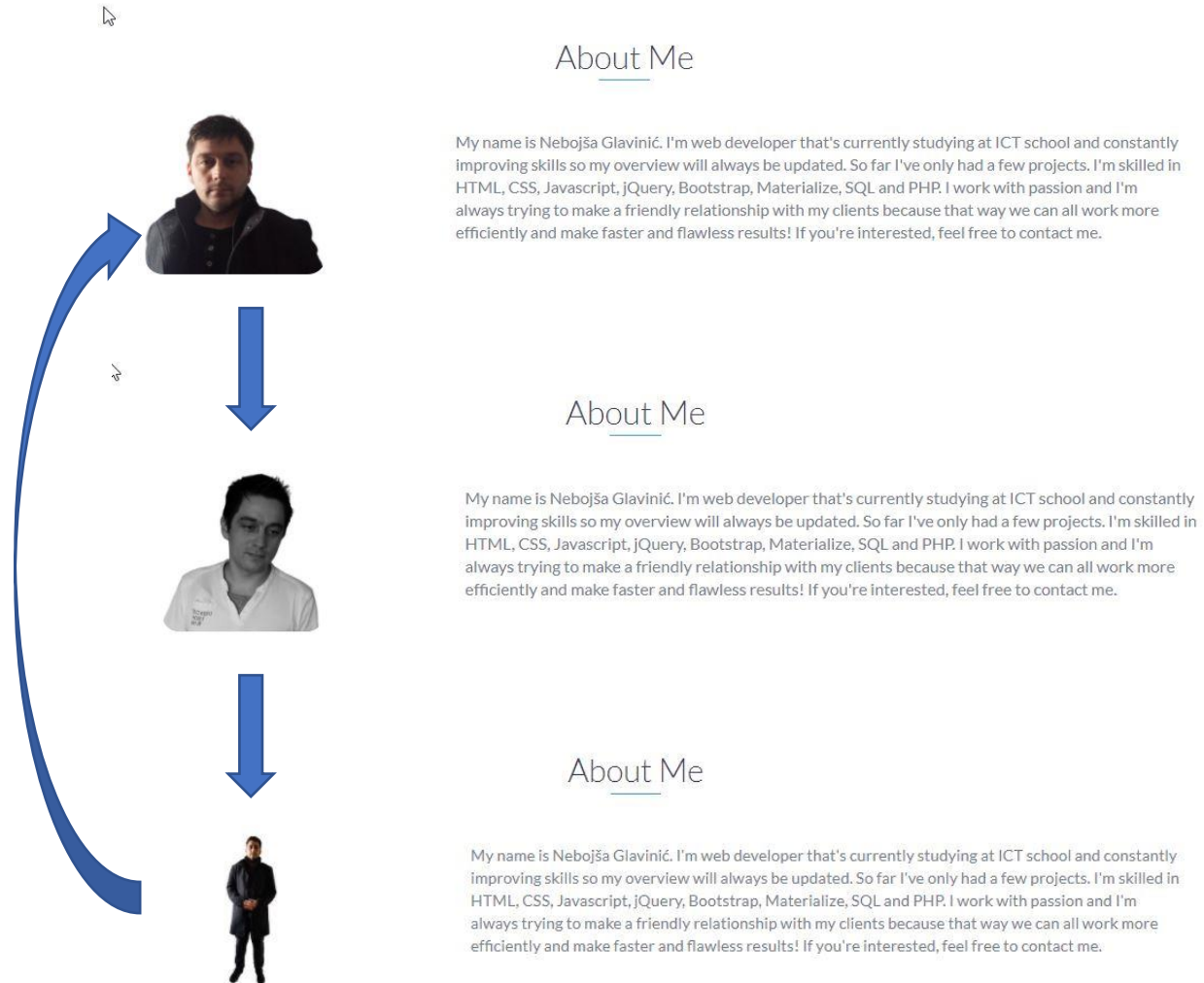
Na vrhu [index.html](#) stranice se nalazi navigacioni bar koji vodi na ostale delove index.html stranice (About, Experience, Education, Projects, Skills, Contact), dinamički ispisan. Klikom na “hamburger” meni (na mobilnim uređajima) postaje vidljiv i mobile-nav meni. Tekst koji se ispisuje „slovo po slovo” je rađen pomoću **Typelt** skripte, a animacije su rađene pomoću **AOS** skripte.

Na sredini se nalazi link za preuzimanje dokumentacije, a na dnu se nalazi kontrolna strelica (jQuery) koja usmerava ka sledećem section-u na stranici (About).



<about>

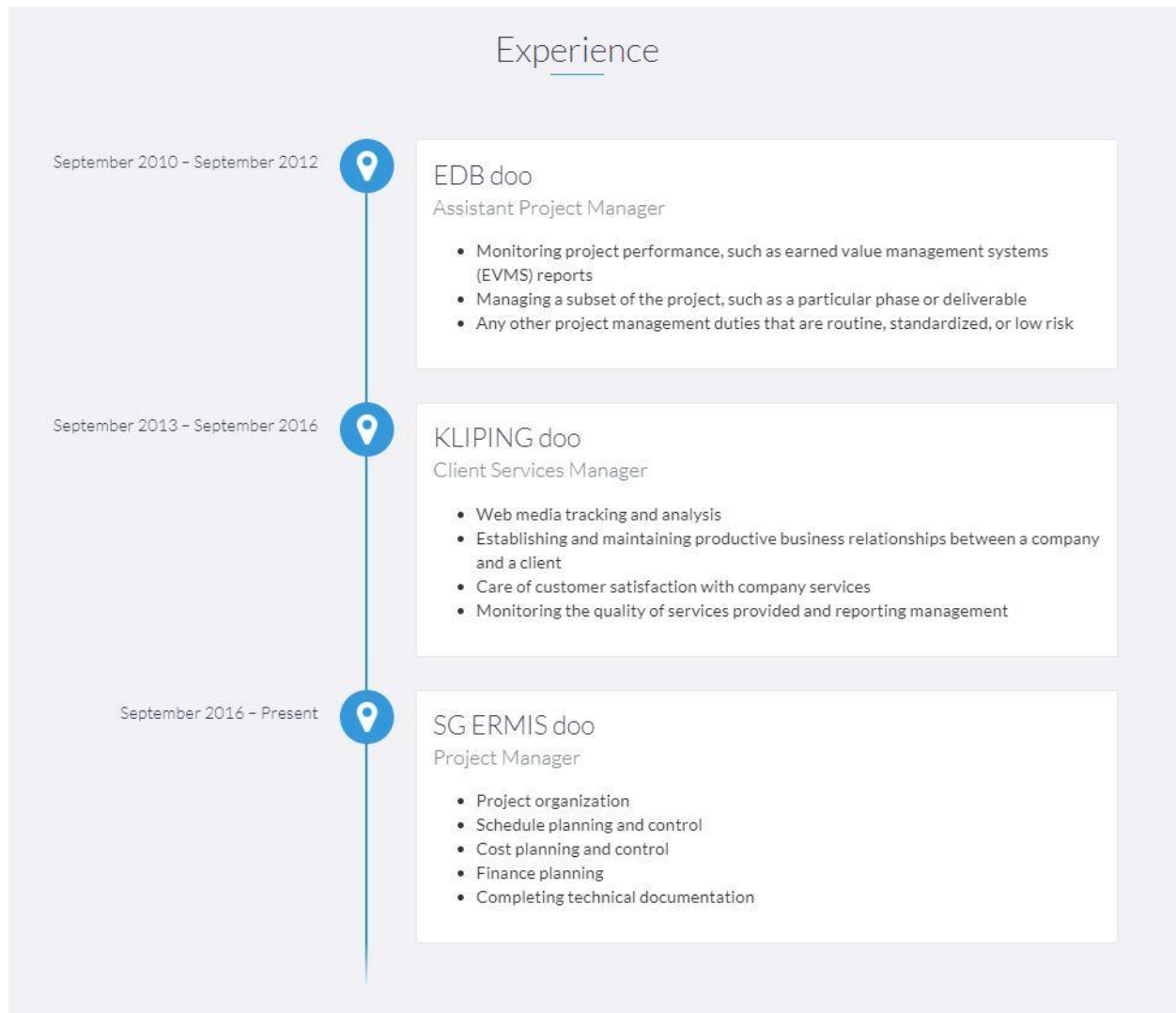
Section **#about** sadrži opšte podatke od autoru sajta, kao i jQuery slajder pomoću kojeg se menjaju 3 slike autora na svakih par sekundi dok sadržaj teksta ostaje nepromenjen.



</about>

<experience>

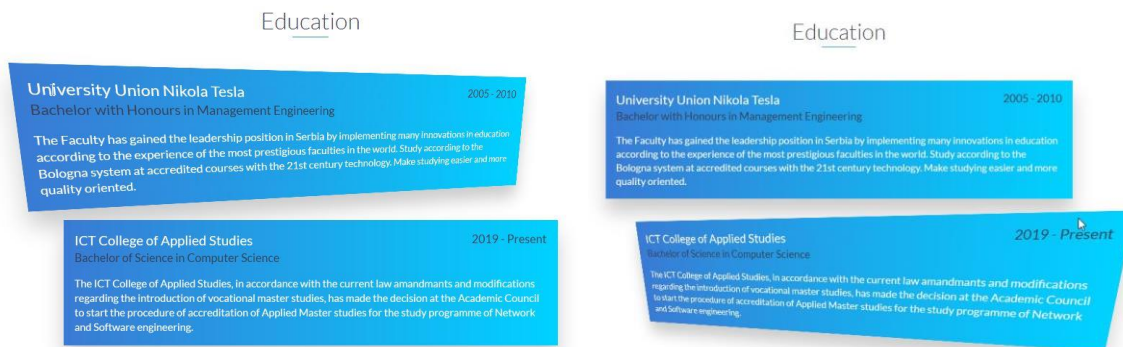
#experience prikazuje radno iskustvo, poslove i veštine koje je autor obavljao i stekao tokom poslovne karijere iz oblasti menadžmenta.



</experience>

<education>

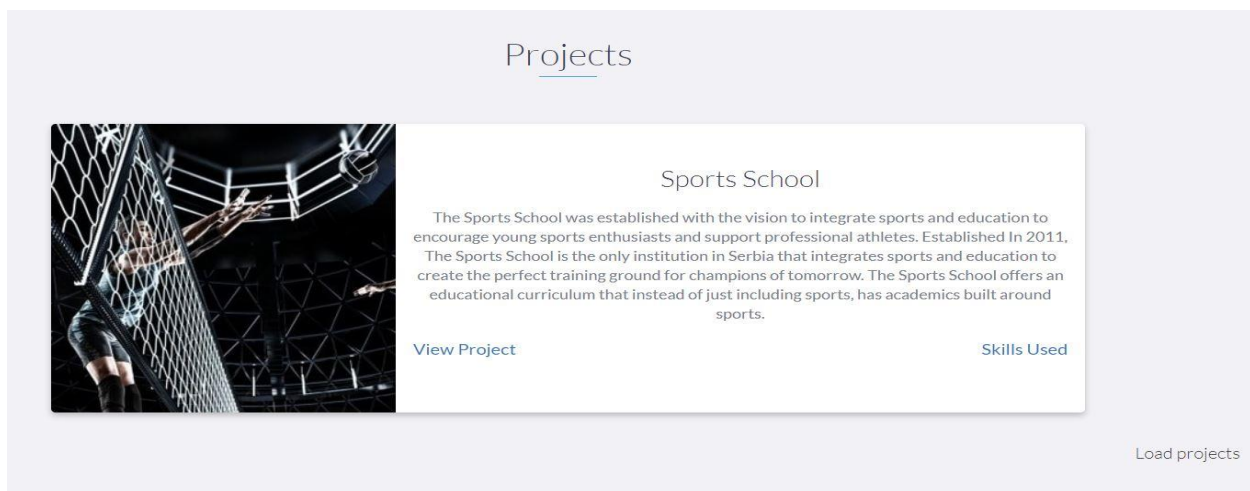
#education – nad elementima u ovoj sekciji iskorišćen je **Tilt** plugin pa se prelaskom miša preko nekog od elemenata, isti pomera i menja oblik duž koordinatnog sistema.



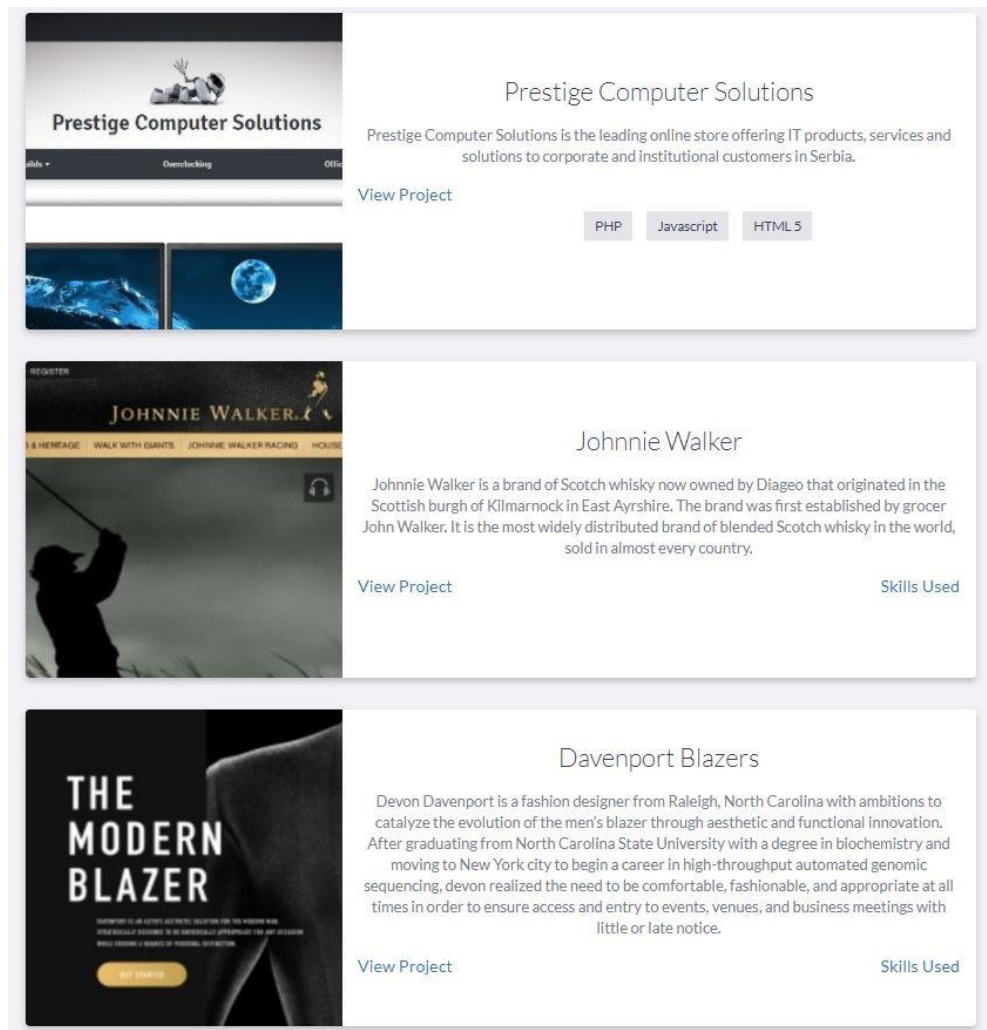
</education>

<projects>

U sekciji #projects – (Recent Projects) su dinamički prikazani projekti na kojima je autor radio iz oblasti web design-a i web programiranja.



Sa leve strane nalazi se slika projekta dok se sa desne strane nalazi naziv i opis projekta. Klikom na „[View Project](#)“ napušta se stranica i odlazi se na web stranicu projekta, dok se klikom na „[Skills Used](#)“ prikazuje lista sa korišćenim tehnikama za izradu projekta. Upotrebom jQuery-a klikom na „[Load projects](#)“ učitavaju se i prikazuju ostali projekti, jedan po jedan, na kojima je radio autor.



Takođe, u okviru [#projects](#) – (All Projects) sekcije se nalazi slajder sa svim projektima koji je odrađen pomoću [Slick](#) jQuery plugin-a.



[</projects>](#)

<skills>

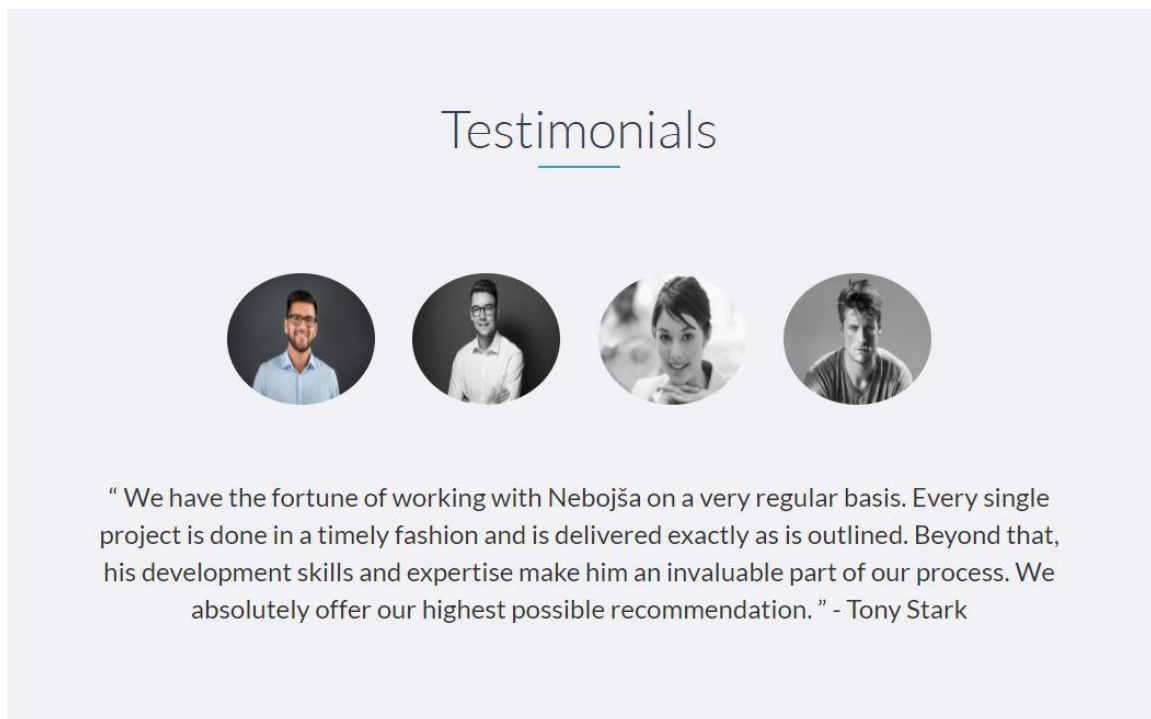
U sekciji **#skills** se nalazi dinamički ispisana lista veština koje autor poseduje iz oblasti programiranja.



</skills>

<testimonials>

U sekciji **#testimonials** se nalaze svedočenja klijenata sa kojim je autor sarađivao. Pomoću jQuery metoda **add.Class()** i **remove.Class()** napravljen je slajder (lista), pa se odabirom (klikom) na sliku nekog od klijenata prelazi sa jednog na drugo svedočenje koje se ispisuje ispod slika, a slika aktivnog klijenta postaje jasnija u odnosu na ostale. Animacije koje se dešavaju dolaskom na ovaj deo stranice rađene su uz pomoć **AOS** skripte.



</testimonials>

<form>

Form - Kada se klikne na dugme „Send“, vrši se validacija unetih podataka nad svim poljima, ukoliko je podatak pogrešno unet ili uopšte nije unet ispisaće se nekoliko vrsta grešaka korisniku i sva polja koja nisu ispravno napisana dobiće crveni border, odnosno vratiće se poruka o lošoj validaciji takođe ispisana crvenim slovima kao i poruka ispisana belim slovima o formatu (tj. primer), kako treba da se ispuni određeno polje. Kada se forma popuni ispravno pritiskom na Send forma se sklanja sa ekrana i ispisuje se poruka da je poslat mail.



</form>

<statistics>

U sekciji **#statistics** nalaze se brojači koji prikazuju podatke vezane za rad autora – jQuery counter.



</statistics>

<footer>

U footer-u se nalaze linkovi koji vode ka **SITEMAP**-u, **RSS**-u i društvenim mrežama, kao i primer internog Javascript-a koji ispisuje tekuću godinu. Takođe, tu se nalazi i kontrolna strelica koja vraća korisnika sajta na vrh stranice (jQuery).



</footer>

3 KOD

3.1 HTML

```
<!DOCTYPE html>
<html class="no-js" lang="en">

<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta name="description" content="My name is Nebojša Glavinić and welcome to my Portfolio, here you can find my Skillset and browse my Projects. If You feel I 'm a good pick, Contact Me!">
  <meta name="keywords" content="Portfolio, Nebojša, Glavinić, Project">
  <link rel="shortcut icon" href="images/favicon.ico" type="image/x-icon">
  <script src="https://cdn.jsdelivr.net/npm/typeit@7.0.4/dist/typeit.min.js"></script>
  <link href="https://unpkg.com/aos@2.3.1/dist/aos.css" rel="stylesheet">
  <link href="https://fonts.googleapis.com/css?family=Lato:300,400,700,900" rel="stylesheet">
  <link rel="stylesheet" href="libs/font-awesome/css/font-awesome.min.css">
  <link rel="stylesheet" type="text/css" href="css/slick.css"/>
  <link rel="stylesheet" href="css/slick-theme.css">
  <link href="css/bootstrap.min.css" rel="stylesheet">
  <link href="css/styles.css" rel="stylesheet">
  <title>Nebojša Glavinić | Portfolio</title>
</head>

<body>
  <!--=====
    MOBILE MENU
  =====-->
  <div id="mobile-menu-open" class="shadow-large">
    <i class="fa fa-bars" aria-hidden="true"></i>
  </div>
  <!-- End #mobile-menu-toggle -->
  <!--=====
    HEADER
  =====-->
  <header>
    <div id="mobile-menu-close">
      <span>Close</span> <i class="fa fa-times" aria-hidden="true"></i>
    </div>
  </header>
</body>
</html>
```

```

        </div>
        <ul id="menu" class="shadow">

        </ul>
    </header>
    <!-- End header -->
    <!--=====
        LEAD
    =====-->
    <div id="lead" class="container-fluid">
        <div id="lead-content">
            <h1 id="ng"></h1>
            <h2 data-aos="zoom-in" data-aos-delay="1900" data-aos-
duration="1000">Wanna be Software Engineer</h2>
            <a href="web programiranje.pdf" target="_blank" class="btn-rounded-
white" data-aos="fade-up" data-aos-duration="2000" data-aos-
delay="1500">Documentation</a>
        </div>
        <!-- End #lead-content -->

        <div id="lead-overlay"></div>
        <div id="lead-down">
            <span>
                <i class="fa fa-chevron-down" aria-hidden="true"></i>
            </span>
        </div>
        <!-- End #lead-down -->
    </div>
    <!-- End #lead -->
    <!--=====
        ABOUT
    =====-->
    <div id="about" class="container">
        <h2 class="heading">About Me</h2>
        <div class="container-fluid">
            <div class="row">
                <div class="col-xs-12 col-md-4 pic">

                    
                    
                </div>
                <div class="col-xs-12 col-md-8">
                    <p>

```

My name is Nebojša Glavinić. I'm web developer that's currently studying at ICT school and constantly improving skills so my overview will always be updated. So far I've only had a few projects. I'm skilled in HTML, CSS, Javascript, jQuery, Bootstrap, Materialize, SQL and PHP. I work with passion and I'm always trying to make a friendly relationship with my clients because that way we can all work more efficiently and make faster and flawless results! If you're interested, feel free to contact me.

```

    </p>
  </div>
</div>
</div>
</div>
<!-- End #about -->
<!--=====
  EXPERIENCE
=====-->
<div id="experience" class="background-alt">
  <h2 class="heading">Experience</h2>
  <div id="experience-timeline" data-aos="fade-in" data-aos-
duration="3000">
    <div data-date="September 2010 - September 2012" data-aos="fade-up">
      <h3>EDB doo</h3>
      <h4>Assistant Project Manager</h4>
      <ul>
        <li>
          Monitoring project performance, such as earned value management systems (EVMS) reports
        </li>
        <li>
          Managing a subset of the project, such as a particular phase or deliverable
        </li>
        <li>
          Any other project management duties that are routine, standardized, or low risk
        </li>
      </ul>
    </div>

    <div data-date="September 2013 - September 2016" data-aos="fade-up" data-aos-delay="300">
      <h3>KLIPING doo</h3>
      <h4>Client Services Manager</h4>
      <ul>
        <li>

```

```

        Web media tracking and analysis
    </li>
    <li>
        Establishing and maintaining productive business relation
ships between a company and a client
    </li>
    <li>
        Care of customer satisfaction with company services
    </li>
    <li>
        Monitoring the quality of services provided and reporting
management
    </li>
</ul>
</div>

<div data-date="September 2016 - Present" data-aos="fade-up" data-
aos-delay="300">
    <h3>SG ERMIS doo</h3>
    <h4>Project Manager</h4>
    <ul>
        <li>
            Project organization
        </li>
        <li>
            Schedule planning and control
        </li>
        <li>
            Cost planning and control
        </li>
        <li>
            Finance planning
        </li>
        <li>
            Completing technical documentation
        </li>
    </ul>
</div>
<!-- End #experience -->
<!--=====
    EDUCATION
=====-->

```



```

<div id="education">
  <h2 class="heading">Education</h2>
  <div class="container">
    <div class="row d-flex-column">
      <div class="education-block col-xs-9 col-md-7" data-tilt>
        <h3>University Union Nikola Tesla</h3>
        <span class="education-date">2005 - 2010</span>
        <h4>Bachelor with Honours in Management Engineering</h4>
        <p>
          The Faculty has gained the leadership position in Serbia by implementing many innovations in education according to the experience of the most prestigious faculties in the world. Study according to the Bologna system at accredited courses with the 21st century technology. Make studying easier and more quality oriented.
        </p>
      </div>
      <!-- End .education-block -->
      <div class="education-block col-xs-9 col-md-7" data-tilt>
        <h3>ICT College of Applied Studies</h3>
        <span class="education-date">2019 - Present</span>
        <h4>Bachelor of Science in Computer Science</h4>
        <p>
          The ICT College of Applied Studies, in accordance with the current law amendments and modifications regarding the introduction of vocational master studies, has made the decision at the Academic Council to start the procedure of accreditation of Applied Master studies for the study programme of Network and Software engineering.
        </p>
      </div>
    </div>
  </div>
  <!-- End #education -->
  <!--=====
  PROJECTS
  =====-->
  <div id="projects" class="background-alt">
    <!--Recent Projects-->
    <h2 class="heading">Recent Projects</h2>
    <div class="container-fluid">
      <div class="row" id="list_projects">
        <div class="load_projects" id="load_projects" style="cursor: pointer;">

```

```

                                Load projects
                                </div>
                            </div>
                        </div>
                    <div class="divider"></div>
                    <!--All projects-->
                    <h2 class="heading">All Projects</h2>
                    <div id="otherProjects" class="responsive">
                        <div class="slick-placeholder">
                            
                            <div class="slick-overlay">
                                <h4>Portfolio</h4>
                                <span>HTML, CSS</span>
                            </div>
                        </div>
                        <div class="slick-placeholder">
                            
                            <div class="slick-overlay">
                                <h4>Prestige</h4>
                                <span>Bootstrap, Materialize</span>
                            </div>
                        </div>
                        <div class="slick-placeholder">
                            
                            <div class="slick-overlay">
                                <h4>Blazers</h4>
                                <span>Javascript, jQuery</span>
                            </div>
                        </div>
                        <div class="slick-placeholder">
                            
                            <div class="slick-overlay">
                                <h4>Lavovi</h4>
                                <span>HTML, CSS</span>
                            </div>
                        </div>
                        <div class="slick-placeholder">
                            
                            <div class="slick-overlay">
                                <h4>Johnnie Walker</h4>
                                <span>Bootstrap, Materialize</span>

```

```

        </div>
    </div>
    <div class="slick-placeholder">
        
        <div class="slick-overlay">
            <h4>Aer</h4>
            <span>Javascript, jQuery</span>
        </div>
    </div>
    <div class="slick-placeholder">
        
        <div class="slick-overlay">
            <h4>Mobile</h4>
            <span>Javascript, PHP</span>
        </div>
    </div>
</div>
</div>

<!-- End #projects -->
<!--=====
    SKILLS
=====-->
<div id="skills">
    <h2 class="heading">Skills</h2>
    <ul id="skillset">
    </ul>
</div>
<!-- End #skills -->
<!--=====
    TESTIMONIALS
=====-->
<div id="testimonials" class="background-alt">
    <h2 class="heading">Testimonials</h2>
    <div class="testimonial-section">
        <div class="inner-width">
            <!-- test pic-->
            <div class="testimonial-pics">
                
                
                

```

```

        
    </div>
    <!--test content -->
    <div class="testimonial-contents">
        <div id="test-1" class="testimonial active">
            <q>
                We have the fortune of working with Nebojša on a very
                regular basis. Every single project is done in a timely fashion and is delivered
                exactly as is outlined. Beyond that, his development skills and expertise make him
                an invaluable part of our process. We absolutely offer our highest possible re
                commendation.
            </q>
            <span class="description"> - Tony Stark</span>
        </div>
        <div id="test-2" class="testimonial">
            <q>
                Nebojša possess an incredibly rare mix of design aware
                ness, development talent and business intelligence. He is my go-
                to tech resource and quite honestly, has impressed me with positive outcomes on
                every project that I've had the opportunity to work with him on.
            </q>
            <span class="description"> - Clark Kent</span>
        </div>
        <div id="test-3" class="testimonial">
            <q>
                Nebojša's constant attention to detail, relentless en
                ergy and ingenuity makes him a core member of our outsourcing team. He has a stro
                ng and positive work ethic that really does help gel our teams, this outwardly sh
                ows as all of our clients get the best joined up thinking, blending creative and
                technology with passion.
            </q>
            <span class="description"> - Harley Quinn</span>
        </div>
        <div id="test-4" class="testimonial">
            <q>
                We have the fortune of working with Nebojša on a very
                regular basis. Every single project is done in a timely fashion and is delivered
                exactly as is outlined. Beyond that, his development skills and expertise make him
                an invaluable part of our process. We absolutely offer our highest possible re
                commendation.
            </q>
            <span class="description"> - Peter Parker</span>
        </div>
    </div>

```

```

        </div>
    </div>
</div>
<!-- End #testimonials-->
<!--=====
    STATISTICS
=====-->
<div id="statistics" class="container-fluid">
    <p class="text-uppercase">Some statistics related to my work</p>
    <div id="counters" class="row">
        <div class="col-xs-6 col-lg-3">
            <span class="count">255</span>
            <p>Projects done</p>
        </div>
        <div class="col-xs-6 col-lg-3">
            <span class="count">244</span>
            <p>Satisfied customers</p>
        </div>
        <div class="col-xs-6 col-lg-3">
            <span class="count">12</span>
            <p>Known skills</p>
        </div>
        <div class="col-xs-6 col-lg-3">
            <span class="count">36</span>
            <p>Business partners</p>
        </div>
    </div>
</div>
<!-- End #statistic -->
<!--=====
    CONTACT
=====-->
<div id="contact" class="container-fluid">
    <h2>Get in Touch</h2>
    <div id="contact-form">
        <form method="POST" action="#" id="contact-form-main">
            <!--Full Name-->
            <div class="form-group ">
                <span id="fullName-error-message" class="error-
message"></span>
                <span id="fullName-example-message" class="example-
message">eg, Steve Rogers</span>
                <input id="fullName" type="text" name="fullName" placeholder=
" Full Name" required data-validator="isString" data-
message="Please enter valid name ">

```

```

        </div>
        <!--Phone Number-->
        <div class="form-group">
            <span id="phoneNumber-error-message" class="error-
message"></span>
            <span id="phoneNumber-example-message" class="example-
message">eg, +381 11 123 456(7)</span>
            <input id="phoneNumber" type="text" name="phoneNumber" placeh
older="Phone Number" required data-validator="isInt" data-
message="Please enter valid phone">
        </div>
        <!--Email-->
        <div class="form-group">
            <span id="_replyto-error-message" class="error-
message"></span>
            <span id="_replyto-example-message" class="example-
message">eg, steve.rogers@gmail.com</span>
            <input id="_replyto" type="email" name="_replyto" placeholder
="Your email" required data-validator="isEmail" data-
message="Please enter valid email">
        </div>
        <!--Rate-->
        <div id="rateMe" class="form-group">
            <span id="rate-error-message" class="error-message"></span>
            <span id="rate-example-message" class="example-
message">Choose an option</span>
            <select name="rate" id="rate" required data-
validator="validateMyWork" data-message="Please rate my work">
                <option>How do you like my work?</option>
                <option value="0">Not at all.</option>
                <option value="1">It could be better.</option>
                <option value="2">It's decent.</option>
                <option value="3">Me like it.</option>
                <option value="4">It's amazing.</option>
            </select>
        </div>
        <!--Message-->
        <div class="form-group">
            <span id="_message-error-message" class="error-
message"></span>
            <span id="_message-example-message" class="example-
message">At least 15 characters without spaces</span>
            <textarea id="_message" name="message" maxlength="250" place
holder="Your message" required data-message="Please write a message" data-
validator="isNotEmpty" ></textarea>

```

```

        </div>
        <input type="submit" class="button" value="Send" id="submit_email
">

    </form>
</div>
<!-- End #contact-form -->
</div>
<!-- End #contact -->
<!--=====
FOOTER
=====-->
<footer>
    <div class="container">
        <div class="row">
            <div class="col-xs-12 col-sm-5 copyright">
                <p>
                    Copyright &copy; <script>var curentYear= new Date(); docu
ment.write(curentYear.getFullYear());</script> Nebojša Glavinić 70/19
                </p>
            </div>
            <div class="col-xs-12 col-sm-2 top">
                <span id="to-top">
                    <i class="fa fa-chevron-up" aria-hidden="true"></i>
                </span>
            </div>
            <div class="col-xs-12 col-sm-5 social">
                <ul class="social-nav" id="social-nav">

                </ul>
            </div>
        </div>
    </div>
</footer>
<!-- End footer -->
<!--=====
SCRIPT
=====-->
    <script src="https://code.jquery.com/jquery-3.5.1.min.js" integrity="sha256-
9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/slick-
carousel/1.9.0/slick.min.js" integrity="sha512-
HGOnQ09+SP1V92SrtZfjqxxtLmVzqZpjFFekvzZVWoiASSQgSr4cw9Kqd2+l8Llp4Gm0G8GIFJ4ddwZil
cdb8A==" crossorigin="anonymous"></script>
    <script src="js/scripts.js"></script>
    <script type="text/javascript" src="js/scripts_vanilla.js"></script>

```

```

    <script src="https://unpkg.com/tilt.js@1.2.1/dest/tilt.jquery.min.js"></scrip
t>
    <script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>
</body>

</html>

```

3.2 CSS

```

body {
  font-family: 'Lato', sans-serif;
  font-size: 16px;
}

body.active {
  overflow: hidden;
  z-index: -1;
}

.no-js #experience-timeline>div {
  background: #fff;
  padding: 10px;
  margin-bottom: 10px;
  border: 1px solid #dcd9d9;
}

.no-js #experience-timeline>div h3 {
  font-size: 1.5em;
  font-weight: 300;
  color: #374054;
  display: inline-block;
  margin: 0;
}

.no-js #experience-timeline>div h4 {
  font-size: 1.2em;
  font-weight: 300;
  color: #7e8890;
  margin: 0 0 15px 0;
}

```



```

.no-js #experience-timeline>div p {
  color: #74808a;
  font-size: 0.9em;
  margin: 0;
}

.no-js #experience-timeline:before,
.no-js #experience-timeline:after {
  content: none;
}

@keyframes dropHeader {
  0% {
    transform: translateY(-100%)
  }
  100% {
    transform: translateY(0)
  }
}

/*HEADER*/
header {
  position: absolute;
  top: 0;
  left: 0;
  right: 0;
  text-align: center;
  z-index: 10;
  animation-name: dropHeader;
  animation-iteration-count: 1;
  animation-timing-function: ease;
  animation-duration: 0.75s
}

header ul {
  display: inline-block;
  background: #fff;
  text-align: center;
  padding: 10px;
  margin: 0;
  border-bottom-right-radius: 4px;
  border-bottom-left-radius: 4px
}

header li {

```

```

        display: inline-block
    }

    header a {
        display: block;
        color: #3498db;
        padding: 10px
    }

    header a:hover {
        color: #217dbb;
        text-decoration: none;
        background: #eee;
        border-radius: 4px
    }

    header a:focus {
        color: #3498db;
        text-decoration: none
    }

    header.active {
        display: block
    }

    header.sticky {
        position: fixed;
        z-index: 999
    }
/*MENU*/
#menu.active {
    display: block
}

#mobile-menu-open {
    display: none;
    cursor: pointer;
    position: fixed;
    right: 15px;
    top: 10px;
    color: #3498db;
    font-size: 1.5em;
    z-index: 20;
    padding: 0 7px;
    border-radius: 4px;

```

```

    background: #fff
}

#mobile-menu-close {
    display: none;
    text-align: right;
    width: 100%;
    background: #fff;
    font-size: 1.5em;
    padding-right: 15px;
    padding-top: 10px;
    cursor: pointer;
    color: #3498db
}

#mobile-menu-close span {
    font-size: 0.5em;
    text-transform: uppercase
}

#mobile-menu-close i {
    vertical-align: middle
}
/*FOOTER*/
footer {
    padding: 20px 0;
    text-align: center;
}

.copyright {
    padding-top: 20px
}

.copyright p {
    margin: 0;
    color: #74808a
}

.top {
    text-align: center
}

.top span {
    cursor: pointer;

```

```

display: block;
margin: 15px auto 0 auto;
width: 35px;
height: 35px;
border-radius: 50%;
border: 3px solid #3498db;
text-align: center
}
.top span:hover{
    background: #3498db;
}
.top i {
    color: #3498db;
    line-height: 1.5;
    animation: pulsate 2.5s ease-in-out;
    animation-iteration-count: infinite;
}
.top span:hover i{
    color: white;
}
.social{
    text-align: right
}

.social ul {
    margin: 5px 0 0 0;
    padding: 0
}

.social li {
    display: inline-block;
    font-size: 1.25em;
    list-style: none
}

.social a {
    display: block;
    color: #74808a;
    padding: 10px
}

.social a:hover {
    color: #3498db;
}

```

```

.toLeft{
    text-align: left
}
.toCenter{
    text-align: center
}

.btn-rounded-white {
    display: inline-block;
    color: #fff;
    padding: 15px 25px;
    border: 3px solid #fff;
    border-radius: 30px;
    transition: .5s ease all
}

.btn-rounded-white:hover {
    color: #3498db;
    background: #fff;
    text-decoration: none
}

.shadow {
    box-shadow: 0 1px 3px rgba(0, 0, 0, 0.12), 0 1px 2px rgba(0, 0, 0, 0.24)
}

.shadow-large {
    box-shadow: 0 3px 6px rgba(0, 0, 0, 0.08), 0 3px 6px rgba(0, 0, 0, 0.15)
}

.heading {
    position: relative;
    display: inline-block;
    font-size: 2em;
    font-weight: 300;
    margin: 0 0 30px 0
}

.heading:after {
    position: absolute;
    content: '';
    top: 100%;
    height: 1px;
    width: 50px;
    left: 0;
}

```

```

    right: 0;
    margin: 0 auto;
    background: #3498db
}

.background-alt {
    background: #f2f2f5
}

/*LEAD*/
#lead {
    position: relative;
    height: 100vh;
    min-height: 500px;
    max-height: 1080px;
    background: url(../images/lead-bg.jpg);
    background-size: cover;
    padding: 15px;
    overflow: hidden;
}

#lead-content {
    width:100%;
    position: absolute;
    z-index: 10;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    text-align: center;
}

#lead-content h1,
#lead-content h2 {
    margin: 0;
}

#lead-content h1 {
    color: #fff;
    font-weight: 900;
    font-size: 5em;
    text-transform: uppercase;
    letter-spacing: 0.05em;
    line-height: 0.9em;
}

#lead-content h2 {

```

```

    color: #a0cfee;
    font-weight: 500;
    font-size: 2.25em;
    margin-bottom: 15px;
}

#lead-overlay {
    position: absolute;
    height: 100%;
    width: 100%;
    top: 0;
    right: 0;
    bottom: 0;
    left: 0;
    background: rgba(33, 125, 187, 0.8);
    z-index: 1;
}

#lead-down {
    position: absolute;
    left: 0;
    right: 0;
    width: 100%;
    text-align: center;
    z-index: 10;
    bottom: 15px;
    color: #fff;
}

#lead-down span {
    cursor: pointer;
    display: block;
    margin: 0 auto;
    width: 35px;
    height: 35px;
    border-radius: 50%;
    border: 3px solid #a0cfee;
    text-align: center
}

#lead-down i {
    animation: pulsate 1.5s ease;
    animation-iteration-count: infinite;
    padding-top: 5px
}

```

```

@keyframes pulsate {
  0% {
    transform: scale(1, 1)
  }
  50% {
    transform: scale(1.2, 1.2)
  }
  100% {
    transform: scale(1, 1)
  }
}
/*ABOUT*/
#about {
  padding: 50px 15px;
}

#about h2 {
  color: #374054;
  display: flex;
  justify-content: center;
}

#about .active{
  display: block;
}

.pic{
  margin: 0 auto !important;
  padding: 0 !important;
}

#about img {
  border-radius: 10%;
  display: none;
  height: 160px;
  margin: 0 auto;
  -webkit-backface-visibility: hidden;
  backface-visibility: hidden;
  -webkit-transition: -webkit-transform .5s;
  transition: -webkit-transform .5s;
  transition: transform .5s;
  transition: transform .5s, -webkit-transform .5s;
}

```



```

#about p {
    color: #74808a;
    margin: 0;
    padding: 20px 10px;
}

/*EXPERIANCE*/
#experience {
    padding: 50px 15px;
    text-align: center;
    border-bottom: 1px solid #dcd9d9
}

#experience h2 {
    color: #374054
}

#experience-timeline {
    margin: 30px auto 0 auto;
    position: relative;
    max-width: 1000px
}

#experience-timeline:before {
    position: absolute;
    content: '';
    top: 0;
    bottom: 0;
    left: 303px;
    right: auto;
    height: 100%;
    width: 3px;
    background: #3498db;
    z-index: 0
}

#experience-timeline:after {
    position: absolute;
    content: '';
    width: 3px;
    height: 40px;
    background: #3498db;
    background: linear-gradient(to bottom, #3498db, rgba(52, 152, 219, 0));
    top: 100%;
    left: 303px
}

```

```

/*TIMELINE*/
.vtimeline-content {
    margin-left: 350px;
    background: #fff;
    border: 1px solid #e6e6e6;
    padding: 15px;
    border-radius: 3px;
    text-align: left
}

.vtimeline-content h3 {
    font-size: 1.5em;
    font-weight: 300;
    color: #374054;
    display: inline-block;
    margin: 0
}

.vtimeline-content h4 {
    font-size: 1.2em;
    font-weight: 300;
    color: #7e8890;
    margin: 0 0 15px 0
}

.vtimeline-content p {
    color: #74808a;
    font-size: 0.9em;
    margin: 0
}

.vtimeline-point {
    position: relative;
    display: block;
    vertical-align: top;
    margin-bottom: 30px;
}

.vtimeline-icon {
    position: relative;
    color: #fff;
    width: 50px;
    height: 50px;
    background: #3498db;
    border-radius: 50%;

```

```

float: left;
z-index: 99;
margin-left: 280px
}

.vtimeline-icon i {
display: block;
font-size: 2em;
margin-top: 10px
}

.vtimeline-date {
width: 260px;
text-align: right;
position: absolute;
left: 0;
top: 10px;
font-weight: 300;
color: #374054
}

/*EDUCATION*/
#education {
padding: 50px 0px 20px 0px;
text-align: center;
margin-bottom: 30px;
}

#education h2 {
color: #374054;
margin-bottom: 50px;
}

.d-flex-column{
display: flex;
flex-direction: column;
}

.education-block {
margin: 0 auto 30px auto;
padding: 15px;
text-align: left;
background: linear-gradient(to right, #3a7bd5, rgb(0, 210, 255));
box-shadow: 0 20px 27px rgba(0, 0, 0, 0.20);
transform-style: preserve-3d;
transform: perspective(1000px);
backface-visibility: hidden;

```

```

}

.education-block h3 {
    font-weight: 500;
    float: left;
    margin: 0;
    color:white;
}

.education-block span {
    color: #374054;
    float: right;
}

.education-block h4 {
    color: #374054;
    clear: both;
    font-weight: 500;
    margin: 0 0 15px 0;
}

.education-block p,
.education-block ul {
    margin: 0;
    color:white;
    font-size: 0.9em;
}

.education-block ul {
    padding: 0 0 0 15px
}

.divider{
    margin-top:30px;
}

.text-uppercase{
    position:relative;
    text-transform: uppercase;
    font-weight: 600;
    font-size: 20px;
    color:#dcd9d9;
    margin:10px 0 30px 0;
}

.capitalize{
    text-transform: capitalize;

```

```

}
.text-uppercase:after{
    position: absolute;
    content: '';
    top: 100%;
    height: 1px;
    width: 150px;
    left: 0;
    right: 0;
    margin: 10px auto;
    margin-top: 10px;
    background: #dcd9d9;
}

/****PROJECTS****/
#projects, #testimonials {
    padding: 50px 0px;
    border-top: 1px solid #dcd9d9;
    text-align: center;
}
#projects h2, #testimonials h2 {
    color: #374054;
    margin-bottom: 50px;
}
#list_projects{
    margin: 5px;
}
.project {
    position: relative;
    max-width: 900px;
    margin: 0 auto 30px auto;
    overflow: hidden;
    background: #fff;
    border-radius: 4px;
}

.project-image {
    float: left;
    border-right: 1px solid #dcd9d9;
}

.project-info {
    position: absolute;
    top: 50%;
    transform: translateY(-50%);
}

```

```

    margin-left: 300px;
    padding: 15px;
}

.project-info h3 {
    font-size: 1.5em;
    font-weight: 300;
    color: #374054;
    margin: 0 0 15px 0;
}

.project-info p {
    color: #74808a;
    margin: 0 0 15px 0;
    font-size: 0.9em;
    min-height: 110px;
}

.no-image .project-info {
    position: relative;
    margin: 0;
    padding: 30px 15px;
    transform: none;
}

#more-projects {
    display: none;
}

#project_skills {
    padding: 20px 15px;
    text-align: center
}

#project_skills h2 {
    color: #374054;
    margin-bottom: 50px
}

#project_skills ul {
    margin: 0 auto;
    padding: 0;
    max-width: 800px
}

```

```

#project_skills li {
    display: inline-block;
    margin: 7px;
    padding: 5px 10px;
    color: #374054;
    background: #e4e4ea;
    list-style: none;
    cursor: default;
    font-size: 0.8em
}

.view_project {
    color: #337ab7;
    float: left;
}

.load_projects {
    text-align: right;
    position: relative;
    font-size: 1em;
    font-weight: 300;
    margin: 0 5px 30px 0;
}

.skills_used {
    color: #337ab7;
    float: right;
}

/*****SLICK*****/
.slick-placeholder{
    position:relative;
}

.slick-overlay{
    display:none;
    overflow: hidden !important;
    position:absolute;
    bottom:0;
    width:100%;
    z-index: 4;
    background: #3498db;
}

.slick-overlay h4, .slick-overlay p{
    margin:2px;
}

```

```

.slick-placeholder:hover .slick-overlay{
    display:block;
    transition: ease 2s;
    opacity:0.9;
}
/**SKILLS**/
#skills {
    padding: 50px 15px;
    text-align: center
}

#skills h2 {
    color: #374054;
    margin-bottom: 50px
}

#skills ul {
    display: block;
    margin: 0 auto;
    padding: 0;
    max-width: 800px
}

#skills li {
    display: inline-block;
    margin: 7px;
    padding: 5px 10px;
    color: #374054;
    background: #e4e4ea;
    list-style: none;
    cursor: default;
    font-size: 1.2em
}
/**STATISTICS**/

#statistics{
    text-align: center;
    padding-bottom: 30px;
    padding-top:30px;
    border-top: 1px solid #dcd9d9;
}
/**COUNTER**/
#counters p{
    font-size:1.2em;

```



```

    font-weight:400;
    margin-top:0;
}
.count{
    color: #3498db;
    font-size:40px;
    font-weight: 900;
}
/**CONTACT**/
#contact {
    padding: 50px 15px;
    background: #3498db;
    text-align: center
}

#contact h2 {
    margin: 0 0 15px 0;
    color: #fff;
    font-weight: 500
}

#contact-form {
    max-width: 600px;
    margin: 0 auto;
}

#contact-form input, #contact-form select,
#contact-form textarea {
    display: block;
    width: 100%;
    padding: 10px;
    border-radius: 4px;
    border: none;
    margin-bottom: 10px;
    background: #1d6fa5;
    color: #fff;
    transition: .5s ease all
}

#contact-form input::-webkit-input-placeholder,
#contact-form textarea::-webkit-input-placeholder {
    color: #fff
}

```

```

#contact-form input:-moz-placeholder,
#contact-form textarea:-moz-placeholder {
    color: #fff;
    opacity: 1
}

#contact-form input::-moz-placeholder,
#contact-form textarea::-moz-placeholder {
    color: #fff;
    opacity: 1
}

#contact-form input:-ms-input-placeholder,
#contact-form textarea:-ms-input-placeholder {
    color: #fff
}

#contact-form input:focus, #contact-form select:focus, #contact-
form option:focus,
#contact-form textarea:focus {
    outline: none;
    background: #16527a
}

#contact-form textarea {
    height: 150px;
    resize: none
}

#contact-form button {
    display: block;
    width: 100%;
    background: #fff;
    border-radius: 4px;
    padding: 5px 10px;
    border: none;
    color: #3498db;
    font-weight: 700;
    box-shadow: 0 1px 3px rgba(0, 0, 0, 0.12), 0 1px 2px rgba(0, 0, 0, 0.24);
    transition: .5s ease all
}

#contact-form button:hover {
    box-shadow: 0 10px 20px rgba(0, 0, 0, 0.19), 0 6px 6px rgba(0, 0, 0, 0.23)
}

```

```

}
.error-message {
  float: left;
  color:darkred;
  font-weight: 100;
  font-size: 14px;
  text-align: left;
}
.example-message{
  float: right;
  color:white;
  font-weight: 100;
  font-size: 14px;
  text-align: right;
  display:none;
}

.optional-section {
  padding: 50px 15px;
  text-align: center;
  border-top: 1px solid #dcd9d9
}

.optional-section h2 {
  color: #374054
}

.optional-section-block {
  max-width: 700px;
  margin: 0 auto 30px auto;
  padding: 15px;
  border: 1px solid #dcd9d9;
  background: #fff;
  text-align: left
}

.optional-section-block h3 {
  font-weight: 500;
  margin: 0 0 15px 0;
  color: #374054
}

.optional-section-block h4 {
  color: #74808a;
  clear: both;

```

```

    font-weight: 500;
    margin: 0 0 15px 0
}

.optional-section-block p,
.optional-section-block ul {
    margin: 0 0 15px 0;
    color: #74808a;
    font-size: 0.9em
}

.optional-section-block ul {
    padding: 0 0 0 15px
}

.cleaner{
    clear:both;
}

/*TESTIMONIALS*/

.testimonial-section{
    padding:10px 0px;
}

.inner-width{
    max-width: 1200px;
    margin:auto;
}

.testimonial-pics{
    padding-bottom:40px;
}

.testimonial-pics img{
    width:90px;
    height:80px;
    border-radius:50%;
    margin:5px 10px;
    filter:grayscale(100%);
    transition: .4s;
    cursor:pointer;
}

.testimonial-pics img:hover, .testimonial-pics img.active{
    filter:none;
}

.testimonial-contents{
    max-width:600px;

```

```

    margin:auto;
}
.testimonial{
    display:none;
}
.testimonial.active{
    display:block;
    padding:0 5px;
}

@media only screen and (max-width: 480px) {
    #lead-content h1 {
        font-size: 1.5em
    }
    #lead-content h2 {
        font-size: 1em
    }
    #lead-content a {
        font-size: 0.9em;
        padding: 5px 10px
    }
    .error-message, .example-message{
        font-size: 10px!important;
    }
}

@media only screen and (max-width: 750px) {
    #experience-timeline:before,
    #experience-timeline:after {
        left: 23px
    }
    .vtimeline-date {
        width: auto;
        text-align: left;
        position: relative;
        margin-bottom: 15px;
        display: block;
        margin-left: 70px
    }
    .vtimeline-icon {
        margin-left: 0
    }
    .vtimeline-content {
        margin-left: 70px
    }
    .error-message, .example-message{

```

```

        font-size: 12px;
    }
}
@media only screen and (max-width: 768px) {
    header {
        position: fixed;
        display: none;
        z-index: 999;
        animation: none;
        bottom: 0;
        height: 100%
    }
    #mobile-menu-open,
    #mobile-menu-close {
        display: block
    }
    #menu {
        height: 100%;
        overflow-y: auto;
        box-shadow: none;
        border-radius: 0;
        width: 100%
    }
    #menu li {
        display: block;
        margin-bottom: 10px
    }
    #lead-content h1 {
        font-size: 2em
    }
    #lead-content h2 {
        font-size: 1.3em
    }
    #lead-content a {
        padding: 10px 20px
    }
    #lead-down {
        display: none
    }
    .education-block h3,
    .education-block span {
        float: none
    }
    .project-image {

```

```

        display: none;
    }
    .project-info {
        position: relative;
        margin: 0;
        padding: 30px 15px;
        top: auto;
        transform: none;
    }

    .social {
        text-align: center;
    }
}
@media only screen and (max-width: 992px) {
    #lead {
        height: auto;
        min-height: auto;
        max-height: auto;
        padding: 100px 15px;
    }
    #lead-content {
        position: relative;
        transform: none;
        left: auto;
        top: auto;
    }
    #lead-content h1 {
        font-size: 3em;
    }
    #lead-content h2 {
        font-size: 1.75em;
    }
    #about {
        text-align: center;
    }
    #about p {
        text-align: left;
    }
}

```

3.3 JAVASCRIPT

```
window.onload = function() {

    //===== AOS =====
    AOS.init();

    //===== Initialize validator =====
    var validator = new Validator();
    validator.init(document.getElementById('contact-form-main'));

    //===== <skills> =====
    const mySkillset = ['HTML 5', 'CSS 3', 'Javascript', 'jQuery', 'Bootstrap', 'Materialize', 'SASS', 'SQL', 'C#', 'Phyton', 'Ruby', 'PHP'];
    var ulElement = document.getElementById('skillset');

    function appendSkillsetElement(elSkil) {
        var liElement = document.createElement('li');
        liElement.innerHTML = elSkil;
        ulElement.appendChild(liElement);
    }

    mySkillset.forEach(element => appendSkillsetElement(element));
    //===== </skills> =====

    //===== <projects> =====
    const myProjects = [
        {
            id: 1,
            title: "Sports School",
            description: "The Sports School was established with the vision to integrate sports and education to encourage young sports enthusiasts and support professional athletes. Established In 2011, The Sports School is the only institution in Serbia that integrates sports and education to create the perfect training ground for champions of tomorrow. They offer an educational curriculum that has academics built around sports.",
            image: "images/project_sport.jpg",
            link: "https://skolasportalavovi.000webhostapp.com/",
            skills: ['PHP', 'Javascript']
        },
        {
            id: 2,
            title: "Prestige Computer Solutions",
```



```

        description: "Prestige Computer Solutions is the leading online store
        offering IT products, services and solutions to corporate and institutional cust
        omers in Serbia. They are committed to being a globally diverse and inclusive com
        pany. They treat all people fairly, recognize individuality, promote based on per
        formance and encourage everyone to reach their full potential.",
        image: "images/project_computersolution.jpg",
        link: "https://nebojsa-
glavinic.github.io/PrestigeComputerSolutions/",
        skills: ['PHP', 'Javascript', 'HTML 5']
    },
    {
        id: 3,
        title: "Johnnie Walker",
        description: "Johnnie Walker is a brand of Scotch whisky now owned by
        Diageo that originated in the Scottish burgh of Kilmarnock in East Ayrshire. The
        brand was first established by grocer John Walker. It is the most widely distrib
        uted brand of blended Scotch whisky in the world, sold in almost every country.",
        image: "images/project_walker.jpg",
        link: "https://nebojsa-
glavinic.github.io/portfolio_school/#projects",
        skills: ['PHP', 'Javascript', 'Phyton', 'Bootstrap']
    },
    {
        id: 4,
        title: "Davenport Blazers",
        description: "Devon Davenport is a fashion designer from Raleigh, Nor
        th Carolina with ambitions to catalyze the evolution of the men's blazer through
        aesthetic and functional innovation. After graduating with a degree in biochemist
        ry and moving to New York city to begin a career in high-
        throughput automated genomic sequencing...",
        image: "images/project_blazer.jpg",
        link: "https://nebojsa-
glavinic.github.io/portfolio_school/#projects",
        skills: ['PHP', 'jQuery', 'Phyton', 'SQL']
    },
];

var projectsLoaded = 1;

function addProject(dictProject) {
    var mainProjectDiv = document.createElement('div');
    mainProjectDiv.classList.add('project');
    mainProjectDiv.classList.add('shadow-large');
    var divProjectImage = document.createElement('div');
    divProjectImage.classList.add('project-image');

```

```

var projectImage = document.createElement('img');
projectImage.alt = "sports school";
projectImage.src = dictProject['image'];
divProjectImage.appendChild(projectImage);
mainProjectDiv.appendChild(divProjectImage);

var divProjectInfo = document.createElement('div');
divProjectInfo.classList.add('project-info');
var contTitle = document.createElement('h3');
contTitle.innerHTML = dictProject['title'];
var contDescription = document.createElement('p');
contDescription.innerHTML = dictProject['description'];

var spanLoad = document.createElement('span');
spanLoad.classList.add('skills_used');
spanLoad.style.cursor = "pointer";
spanLoad.innerHTML = "Skills Used";

var contLink = document.createElement('a');
contLink.classList.add('view_project');
contLink.href = dictProject['link'];
contLink.innerHTML = 'View Project';
divProjectInfo.appendChild(contTitle);
divProjectInfo.appendChild(contDescription);
divProjectInfo.appendChild(spanLoad);
divProjectInfo.appendChild(contLink);

var skillsDiv = document.createElement('div');
skillsDiv.setAttribute('id', 'project_skills');
var skillsUl = document.createElement('ul');
skillsDiv.appendChild(skillsUl);
divProjectInfo.appendChild(skillsDiv);

mainProjectDiv.appendChild(divProjectInfo);

var divLoad = document.getElementById('load_projects');

spanLoad.onclick = function() {
    dictProject['skills'].forEach(function(element) {
        var liElem = document.createElement('li');
        liElem.innerHTML = element;
        skillsUl.appendChild(liElem);
    });
};

```

```

        spanLoad.remove();
    };

    document.getElementById('list_projects').insertBefore(mainProjectDiv, div
Load);
    };

    // Loading all projects at once
    // myProjects.forEach(element => addProject(element));

    addProject(myProjects[0]);
    document.getElementById("load_projects").onclick = function() {loadNewProject
()};
    function loadNewProject() {
        if (myProjects[projectsLoaded]) {
            addProject(myProjects[projectsLoaded++]);
            if (!myProjects[projectsLoaded]) {
                document.getElementById("load_projects").remove();
            }
        }
    };

    //===== </project> =====

    //===== <social> =====

    const myLinks = [
        {
            link: "https://github.com/",
            class: "fa-github"
        },
        {
            link: "https://linkedin.com/",
            class: "fa-linkedin"
        },
        {
            link: "https://www.facebook.com/",
            class: "fa-facebook"
        },
        {
            link: "https://twitter.com/",
            class: "fa-twitter"
        },
        {

```

```

        link: "https://stackoverflow.com/",
        class: "fa-stack-overflow"
    },
    {
        link: "rss.xml",
        class: "fa-rss"
    },
    {
        link: "sitemap.xml",
        class: "fa-sitemap"
    },
];

function createLink(dictLink) {
    var liPlaceholder = document.createElement('li');
    var linkPlaceholder = document.createElement('a');
    linkPlaceholder.href = dictLink.link;
    linkPlaceholder.target = "_blank";
    var icon = document.createElement("i");
    icon.classList.add("fa");
    icon.classList.add(dictLink['class']);
    icon.setAttribute('aria-hidden', 'true');
    linkPlaceholder.appendChild(icon);
    liPlaceholder.appendChild(linkPlaceholder);

    document.getElementById('social-nav').appendChild(liPlaceholder);
};

myLinks.forEach(element => createLink(element));

//===== </social> =====

//===== <submit> =====
document.getElementById("submit_email").addEventListener("click", function(event) {
    event.preventDefault();

    if (validator.isValid()) {
        document.getElementById("contact").innerHTML = "<h2>Thank you on your email, I'll make sure I get back to you as soon as possible</h2>";
    }
});
//===== </submit> =====
};

```

```

//===== <form> =====
var Validator = function() {};

Validator.prototype.validate = function(value, rules) {
    var self = this;
    return rules.every(function(rule) {
        return self[rule](value);
    });
};

//fullName
Validator.prototype.isString = function(value) {
    return value && /^[A-ZŠĐČĆŽ][a-zšđčćž]{2,14}(\s[A-ZŠĐČĆŽ][a-zšđčćž]{2,19})+$/i.test(value);
};

//message
Validator.prototype.isNotEmpty = function(value) {
    var numberOfSpaces = _message.value.replace(/^[^\s]/mg, "").length;
    var numberOfChars = _message.value.length - numberOfSpaces;
    //console.log('--->', value);
    if (numberOfChars<15){
        return false;
    }
    return value;
};

//phoneNumber
Validator.prototype.isInt = function(value) {
    return value && /^[+381\s[1-9][0-9]\s[0-9]{3}\s[0-9]{3,4}$/i.test(value);
};

//email
Validator.prototype.isEmail = function(value) {
    return value && /^[\\w-\\.]+@([\\w-]+\\.)+[\\w-]{2,4}$/i.test(value);
};

Validator.prototype.validateMyWork = function(value) {
    return value != "How do you like my work?";
};

Validator.prototype.errorField = function(field) {
    field.style.border = "thin solid darkred";
    if (document.getElementById(field.id + '-error-message')){
        document.getElementById(field.id + '-error-
message').innerHTML = field.getAttribute('data-message')
        document.getElementById(field.id + '-example-
message').style.display="block";
    }
};

```

```

    }

    else console.log('---->', field.id);
};

Validator.prototype.nonErrorField = function(field) {
    field.style.border = "";
    if (document.getElementById(field.id + '-error-message')){
        document.getElementById(field.id + '-error-message').innerHTML = '';
        document.getElementById(field.id + '-example-
message').style.display="none";
    }
    else console.log('---->', field.id);
};

Validator.prototype.init = function(form) {
    var obj = this;
    obj._form = form;
    obj._selector = form.querySelectorAll( 'input[type="text"], input[type="email"
], input[type="hidden"], input[type="radio"], input[type="checkbox"], select, te
xtarea' );
    obj._formElements = {};

    [].forEach.call(obj._selector, function( element ) {
        obj._formElements[element.id] = {'id': element.id, 'valid': false};

        element.addEventListener("blur", function(event) {
            if (obj.validate(element.value, [ element.getAttribute('data-
validator') ] )) {
                obj._formElements[element.id]['valid'] = true;
                obj.nonErrorField(element);
            } else {
                obj._formElements[element.id]['valid'] = false;
                obj.errorField(element);
            }
        });
    });
};

Validator.prototype._validate = function(form) {
    var obj = this;
    [].forEach.call(obj._selector, function( element ) {
        obj._formElements[element.id] = {'id': element.id, 'valid': false};
    });
};

```

```

        if (obj.validate(element.value, [element.getAttribute('data-
validator')])) {
            obj._formElements[element.id]['valid'] = true;
            obj.nonErrorField(element);
        } else {
            obj._formElements[element.id]['valid'] = false;
            obj.errorField(element);
        }
    } );
};

Validator.prototype.isValid = function() {
    var obj = this;

    obj._validate();

    for (const [key, value] of Object.entries(obj._formElements)) {
        if (!value['valid'])
            return false;
    }

    return true;
};

//===== </form> =====

```

3.4 jQuery

```

(function($) {

    // Remove no-js class
    $('html').removeClass('no-js');

    //typeit
    new TypeIt("#ng", {
        strings: "Nebojša Glavinić",
        speed: 72,
        waitUntilVisible: true,
    });

```

```

        cursor:false
    }).go();

    //About - img slider
    $(document).ready(function(){
        slideShow();
    });
    function slideShow() {
        var current = $('.pic .show');
        var next = current.next().length ? current.next() : current.parent().children(':first');

        current.hide().removeClass('show');
        next.fadeIn().addClass('show');

        setTimeout(slideShow, 4400);
    }

    //All Projects - slick plugin

    $('.responsive').slick({
        dots: true,
        infinite: true,
        autoplay:true,
        autoplaySpeed: 2000,
        speed: 300,
        slidesToShow: 5,
        slidesToScroll: 1,
        responsive: [
            {
                breakpoint: 1280,
                settings: {
                    slidesToShow: 4,
                    slidesToScroll: 1,
                    infinite: true,
                    dots: true
                }
            },
            {
                breakpoint: 1024,
                settings: {
                    slidesToShow: 3,
                    slidesToScroll: 1,
                    infinite: true,
                    dots: true
                }
            }
        ]
    });

```



```

        }
    },
    {
        breakpoint: 768,
        settings: {
            slidesToShow: 2,
            slidesToScroll: 1
        }
    },
    {
        breakpoint: 480,
        settings: {
            slidesToShow: 1,
            slidesToScroll: 1,
            arrows: false
        }
    }
]
});
//Counter - Statistics
function counterUp(elem, duration, delay){
    var animationStarted = false;
    var value = parseFloat(elem.innerText);
    var starter = 0;
    var steps = duration / delay;
    var step = value / steps;
    elem.innerText = starter;
    function startAnimate(){
        var intId = setInterval(function(){
            if (starter >= value){
                starter = value;
                clearInterval(intId);
            }
            elem.innerText = starter.toFixed(0);
            starter += step;
        }, delay)
    }
    document.addEventListener("scroll", function(){
        var scrollTop = elem.getBoundingClientRect().top;
        if(scrollTop < 800 && !animationStarted){
            startAnimate();
            animationStarted = true;
        }
    });
}

```

```

var elements = document.querySelectorAll(".count");
elements.forEach(function(el){
    counterUp(el, 2000, 20);
});
//Menu
const menuLinks = [
    {
        link: "#about",
        title: "About"
    },
    {
        link: "#experience",
        title: "Experience"
    },
    {
        link: "#education",
        title: "Education"
    },
    {
        link: "#projects",
        title: "Projects"
    },
    {
        link: "#skills",
        title: "Skills"
    },
    {
        link: "#contact",
        title: "Contact"
    },
];
function addMenuLink(menuLink) {
    var liPlaceholder = document.createElement('li');
    var linkPlaceholder = document.createElement('a');
    linkPlaceholder.innerHTML = menuLink.title;
    linkPlaceholder.href = menuLink.link;

    liPlaceholder.appendChild(linkPlaceholder);
    document.getElementById('menu').appendChild(liPlaceholder);
};
menuLinks.forEach(element=>addMenuLink(element));

// Animate to section when nav is clicked
$('header a').click(function(e) {

```

```

// Treat as normal link if no-scroll class
if ($(this).hasClass('no-scroll')) return;

e.preventDefault();
var heading = $(this).attr('href');
var scrollDistance = $(heading).offset().top;

$('html, body').animate({
    scrollTop: scrollDistance + 'px'
}, Math.abs(window.pageYOffset - $(heading).offset().top) / 1);

// Hide the menu once clicked if mobile
if ($('#header').hasClass('active')) {
    $('#header, body').removeClass('active');
}
});

// Scroll to top
$('#to-top').click(function() {
    $('html, body').animate({
        scrollTop: 0
    }, 500);
});

// Scroll to first element
$('#lead-down span').click(function() {
    var scrollDistance = $('#lead').next().offset().top;
    $('html, body').animate({
        scrollTop: scrollDistance + 'px'
    }, 500);
});

// Create timeline
$('#experience-timeline').each(function() {

    $this = $(this); // Store reference to this
    $userContent = $this.children('div'); // user content

    // Create each timeline block
    $userContent.each(function() {
        $(this).addClass('vtimeline-content').wrap('<div class="vtimeline-point"><div class="vtimeline-block"></div></div>');
    });

    // Add icons to each block

```

```

        $this.find('.vtimeline-point').each(function() {
            $(this).prepend('<div class="vtimeline-icon"><i class="fa fa-map-
marker"></i></div>');
        });

        // Add dates to the timeline if exists
        $this.find('.vtimeline-content').each(function() {
            var date = $(this).data('date');
            if (date) { // Prepend if exists
                $(this).parent().prepend('<span class="vtimeline-
date">'+date+'</span>');
            }
        });
    });

    // Open mobile menu
    $('#mobile-menu-open').click(function() {
        $('header, body').addClass('active');
    });

    // Close mobile menu
    $('#mobile-menu-close').click(function() {
        $('header, body').removeClass('active');
    });

    // Load additional projects
    $('#view-more-projects').click(function(e){
        e.preventDefault();
        $(this).fadeOut(300, function() {
            $('#more-projects').fadeIn(300);
        });
    });

    // Testimonials
    $('.testimonial-pics img').click(function(){
        $(".testimonial-pics img").removeClass("active");
        $(this).addClass("active");
        $(".testimonial").removeClass("active");
        $("#"+$(this).attr("alt")).addClass("active");
    });
})(jQuery);

```