

Visoka škola strukovnih studija za informacione i
komunikacione tehnologije u Beogradu

Visoka ICT škola

Web programiranje 1 – Dokumentacija za sajt

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1. Uvod

Sajt je rađen za predmet Web Programiranje 1. Dizajn sajta je preuzet sa sajta: <https://templatemo.com/tm-567-nomad-force> , pa dodatno uređen.

1.1. Korišćeni programski i markup jezici :

HTML,

CSS,

Javascript.

Koriscene biblioteke :

JQuery (JavaScript),

Carousel Plugin,

Magnific Popup Plugin,

AOS plug-in.

Okruženje:

Visual Studio Code.

1.2 Opis funkcionalnosti

Sekcija “Home”

Navigacioni meni u hederu ispisan je dinamički preko JavaScript-a, koji je fiksiran i prati skrolovanje stranice. Navigacioni hamburger meni. Tekst koji se pojavljuje preko snimka obrađen AOS bibliotekom.

Sekcija “About”

Tekst je ispisan dinamički preko JavaScript-a. Slajder ispisan pomoću Bootstrap Carousel Plugin. Dinamički ispisan fotografije u slajderu. Divovi takođe obrađeni preko AOS biblioteke.

Sekcija “Portfolio”

Sve fotografije ispisan dinamički preko JavaScript-a. Prilikom klika na bilo koju fotografiju otvara se link sa istom slikom, gde nam je mogući prelazak sa fotografije na fotografiju-pomoću Magnific Popup Plugin-a.

Sekcija “Events”

Divovi koji se ponavljaju su dinamički ispisani. Kada se pređe mišem preko fotografija, pojavljuje se animacija u boji-border bottom.

Sekcija “Contact”

Dinamički ispisani: Radio Button, Checkbox i elementi Drop down list-e. Prilikom selektovanja Radio Button-a, pojavljuje se div sa Checkbox poljima, pomoću jQuery-a, sa animacijom.

Prilikom klika na dugme „Send Message“ izvršava se validacija podataka. Ukoliko dođe do grešaka, ispod polja gde se greška dogodila, ispisaće se poruka, sa dodatnim uputstvom za uspešan unos. U suprotnom ispod dugmeta će se pojaviti poruka.

Primer: „Thanks {dinamički upisano ime korisnika}, we will reach You as soon as possible!“

Sekcija “Author”

Na sekciji autor se nalaze informacije o autoru sajta.

Sekcija je obrađena AOS bibliotekom.

Ispod sekcije prikazana mapa sa adresom kompanije.

Sekcija “Footer”

Dinamički ispisane ikonice u futeru.

Ostatak obrade putem Js

Prilikom učitavanja sajta nakon 5sekundi pojavljuje se modal sa obaveštenjem o popustu. Kada se skroluje na ostatak sajta pojavljuje se strelica u donjem levom uglu, koja služi za vraćanje na vrh strane.

1.3 Template



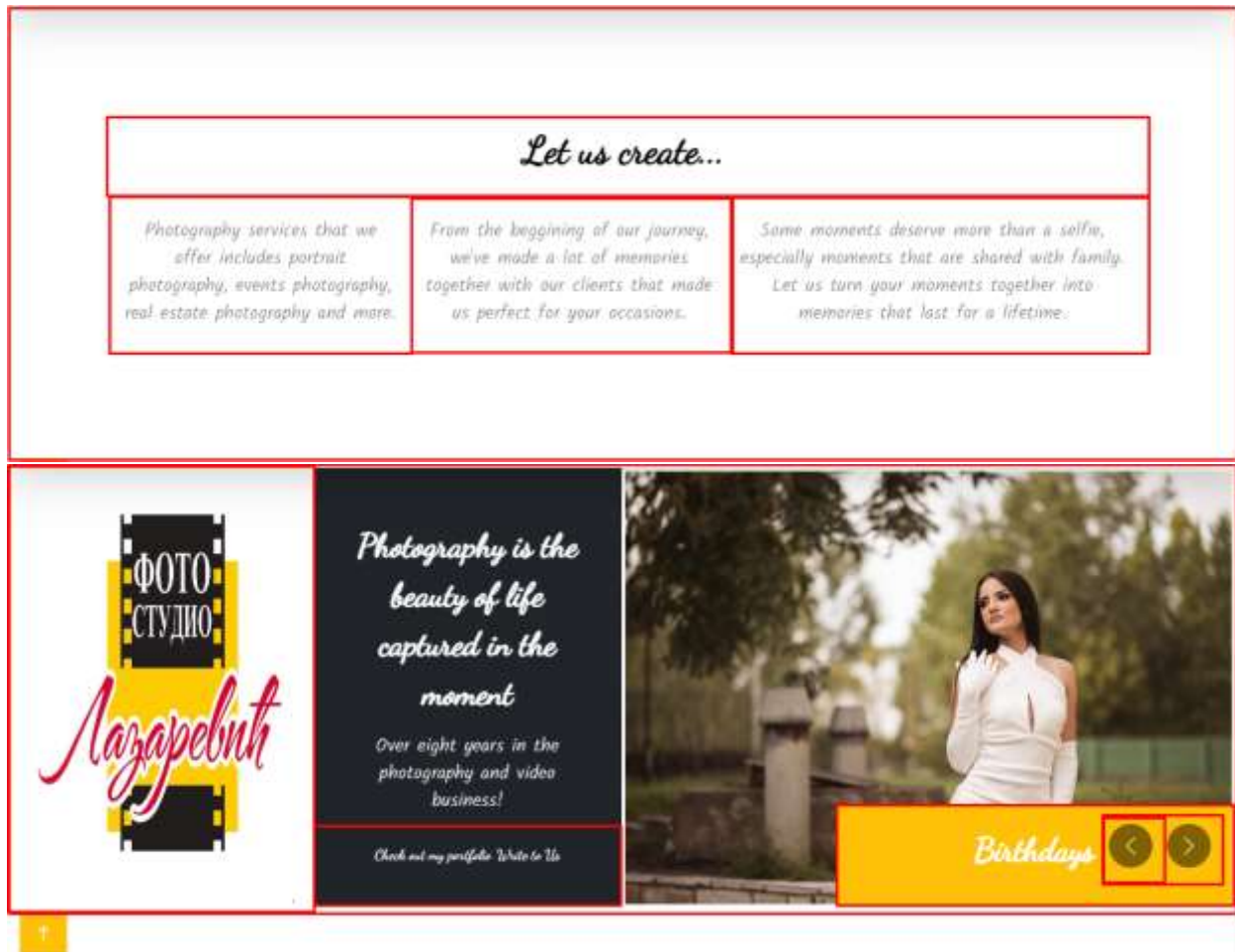
```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta charset="utf-8" />
    <meta name="description" content="website about PhotoStudio" />
    <meta name="author" content="Jovana Ćirić" />
    <meta name="keywords" content="Photography, Wedding, Birthdays, Video"/>
    <meta name="language" content="English"/>
    <title>Foto Studio Lazarević</title>
    <link rel="icon" href="images/people/logo.jpg" />
    <!-- CSS FILES -->
    <link rel="stylesheet" type="text/css"
href="plugin/FlexSlider/flexslider.css" /><link rel="preconnect"
href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Dancing+Script:wght@500&family=Kal
am:wght@300&display=swap" rel="stylesheet">
    <link href="css/bootstrap.min.css" rel="stylesheet" />
    <link href="css/bootstrap-icons.css" rel="stylesheet" />
    <link rel="stylesheet" href="css/magnific-popup.css" />
    <link href="css/aos.css" rel="stylesheet" />
```

```

    <link href="css/templatemo-nomad-force.css" rel="stylesheet" />

</head>
<body>
    <main>
        <section class="hero" id="home">
            <div class="heroText">
                <h1 class="text-white mt-5 mb-lg-4" data-aos="zoom-in" data-
aos-delay="800">
                    Foto Studio Lazarević
                </h1>
                <p class="text-secondary-white-color" data-aos="fade-up"
data-aos-delay="1000">Capture your most precious moments <strong class="custom-
underline">with us!</strong></p>
            </div>
            <div class="videoWrapper">
                <video autoplay="" loop="" muted="" class="custom-video">
                    <source src="videos/vencanje.mp4" type="video/mp4" />
                    Your browser does not support the video tag.
                </video>
            </div>
            <div class="overlay"></div>
        </section>
        <nav class="navbar navbar-expand-lg bg-light shadow-lg">
            <div class="container">
                <a class="navbar-brand" href="index.html">
                    <strong>Foto Studio Lazarević</strong>
                </a>
                <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-
expanded="false" aria-label="Toggle navigation">
                    <span class="navbar-toggler-icon"></span>
                </button>
                <div class="collapse navbar-collapse" id="navbarNav"></div>
            </div>
        </nav>

```

```
<section class="section-padding pb-0" id="about">
  <div class="container mb-5 pb-lg-5 appear">
    <div class="row">
      <div class="col-12">
        <h2 class="mb-3">Let us create...</h2>
      </div>
      <div class="col-lg-12 col-12 mt-3 mb-lg-5"
id="text"></div>
    </div>
  </div>
  <div class="container-fluid">
    <div class="row">
      <div class="col-lg-3 col-12 p-0">
        
      </div>
      <div class="col-lg-3 col-12 bg-dark">
        <div class="d-flex flex-column flex-wrap justify-
content-center h-100 py-5 px-4 pt-lg-4 pb-lg-0">
```

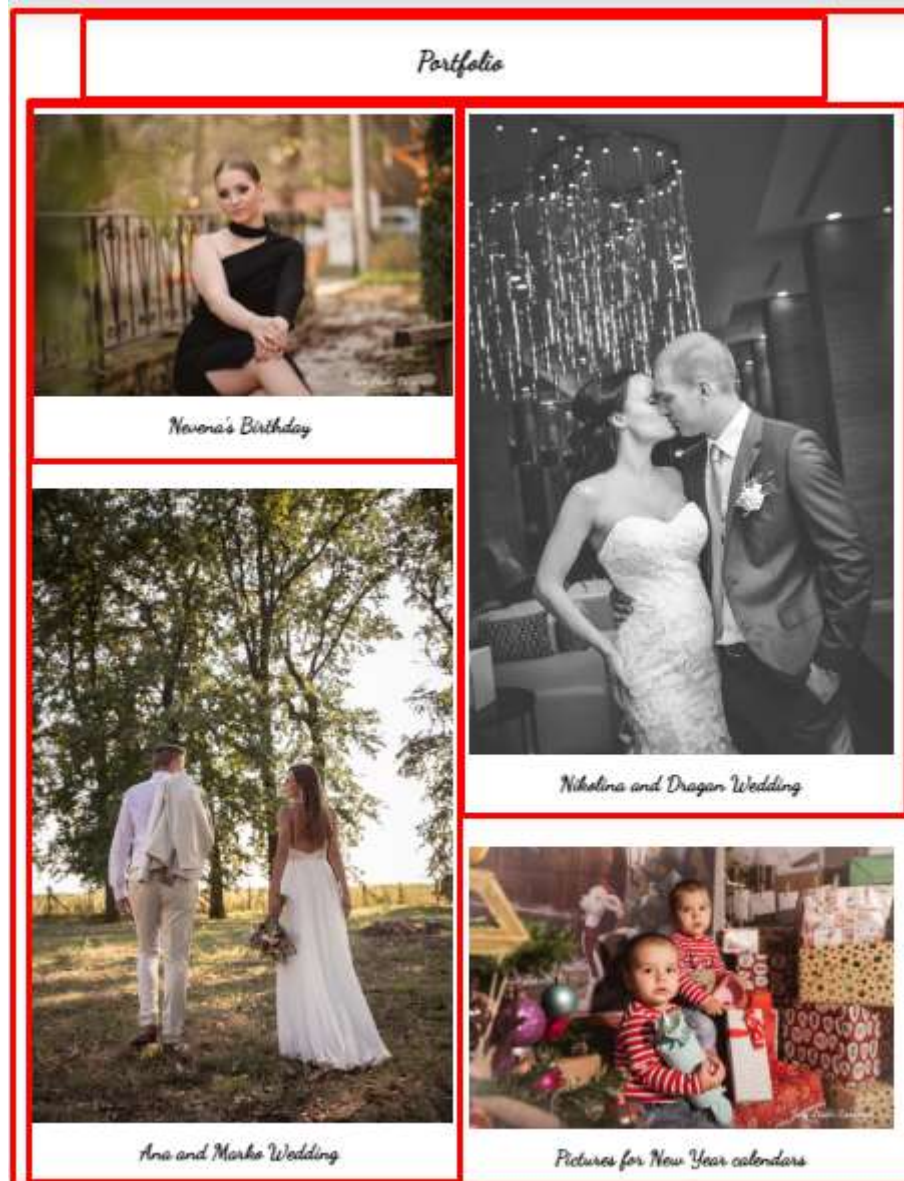
```

        <h3 class="text-white mb-3" data-aos="fade-up">Photography is the beauty of life captured in the moment</h3>
        <p class="text-secondary-white-color" data-aos="fade-up">Over eight years in the photography and video business!</p>
        <div class="mt-3">
            <a href="#portfolio" class="text-white custom-link" data-aos="zoom-in" data-aos-delay="100">Check out my portfolio</a>
            <a href="#contact" class="text-white custom-link" data-aos="zoom-in" data-aos-delay="300">Write to Us</a>
        </div>
    </div>
</div>
<div class="col-lg-6 col-12 p-0">
    <section id="myCarousel" class="carousel slide carousel-fade" data-bs-ride="carousel">
        <div id="slider" class="carousel-inner pictures-slide">

            <div class="flexslider" id="inputImg">

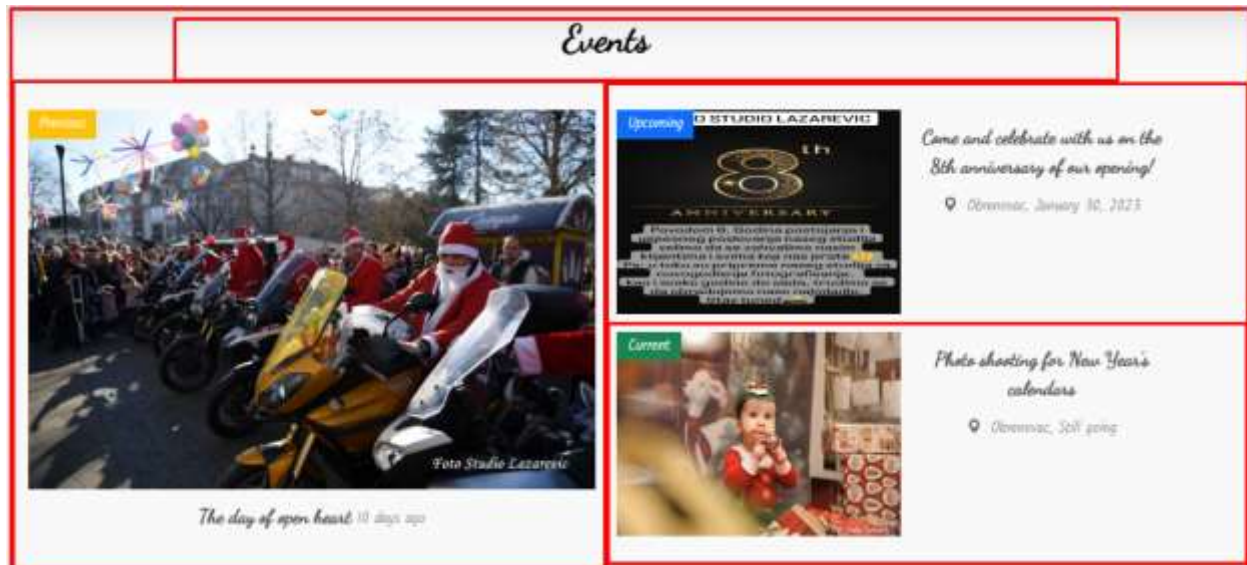
            </div>
        </div>
        <button class="carousel-control-prev" type="button" data-bs-target="#myCarousel" data-bs-slide="prev">
            <span class="carousel-control-prev-icon" aria-hidden="true"></span>
            <span class="visually-hidden">Previous</span>
        </button>
        <button class="carousel-control-next" type="button" data-bs-target="#myCarousel" data-bs-slide="next">
            <span class="carousel-control-next-icon" aria-hidden="true"></span>
            <span class="visually-hidden">Next</span>
        </button>
    </section>
</div>
</div>
</div>
</section>

```



```
<section class="section-padding" id="portfolio">
  <div class="container">
    <div class="row">
      <div class="col-12">
        <h2 class="mb-5 text-center" data-aos="fade-
up">Portfolio</h2>
      </div>
      <div class="col-lg-6 col-12">
        <div class="portfolio-thumb mb-5 insert" data-
aos="fade-up"></div>
      </div>
    </div>
  </div>
</section>
```

```
        <div class="portfolio-thumb insert" data-aos="fade-  
up"></div>  
    </div>  
    <div class="col-lg-6 col-12">  
        <div class="portfolio-thumb mt-5 mt-lg-0 mb-5 insert"  
data-aos="fade-up"></div>  
        <div class="portfolio-thumb insert" data-aos="fade-  
up"></div>  
    </div>  
</div>  
</div>  
</section>
```



```
<section class="news section-padding" id="events">
  <div class="container">
    <div class="col-12">
      <h2 class="mb-5 text-center" data-aos="fade-up">Events</h2>
    </div>
    <div class="row">
      <div class="col-lg-6 col-12 mb-5 mb-lg-0">
        <div class="news-thumb news-image-hover news-image-hover-warning" data-aos="fade-up">
          
          <div class="news-category bg-warning text-white">Previous</div>
          <div class="news-text-info">
            <h5 class="news-title news-title-link">
              The day of open heart
            </h5>
            <span class="text-muted">10 days ago</span>
          </div>
        </div>
      </div>
      <div class="col-lg-6 col-12" id="eventSpace">
      </div>
    </div>
  </div>
</section>
```

Dont' be shy, write to us

Full Name *

Email *

How can we help?

Tell us about the project (Optionally)

Occasions *

☐ Wedding

☐ Birthday

☐ Christening

Date And Time *

Which date suits you:

Which time suits you:

SEND MESSAGE

```

<section class="contact section-padding" id="contact">
  <div class="container">
    <div class="row labelname">
      <div class="col-lg-7 col-12 mx-auto">
        <h2 class="mb-4 text-center" data-aos="fade-up">Dont'
be shy, write to us</h2>
        <form action="#" method="post" class="contact-form"
id="form" role="form" data-aos="fade-up">
          <div class="row">
            <div class="col-lg-6 col-6 formDesigneTitle">
              <label class="form-label">Full Name <sup
class="text-danger">*</sup></label>
              <input type="text" name="name" id="name"
class="form-control" placeholder="Full name" required />
              <p class="show-validated"></p>
            </div>
            <div class="col-lg-6 col-6 formDesigneTitle">
              <label class="form-label">Email <sup
class="text-danger">*</sup></label>
              <input type="email" name="email"
id="email" class="form-control" placeholder="Email address" required />
              <p class="show-validated"></p>
            </div>
          </div>
          <div class="col-12 my-4 formDesigneTitle">

```

```

                                <label class="form-label">How can we
help?</label>
                                <textarea name="message" rows="6"
class="form-control" id="message" placeholder="Tell us about the project
(Optional)"></textarea>
                                </div>
                                <div class="col-12 formDesignTitle">
                                <label class="form-label">Occasions<sup
class="text-danger">*</sup></label>
                                </div>
                                <div class="col-lg-4 col-12 formDesigne
inputRadio"></div>
                                <div class="col-lg-4 col-12 formDesigne
inputRadio"></div>
                                <div class="col-lg-4 col-12 formDesigne
inputRadio"></div>
                                <p class="show-validated"></p>
                                <div class="col-12 formDesignTitle">
                                <label class="form-label
showService">Services<sup class="text-danger">*</sup></label>
                                </div>
                                <div class="col-lg-4 col-12 formDesigne cb
showService"></div>
                                <div class="col-lg-4 col-12 formDesigne cb
showService"></div>
                                <div class="col-lg-4 col-12 formDesigne cb
showService"></div>
                                <p class="show-validated"></p>
                                <div class="col-12 formDesignTitle">
                                <label class="form-label">Date And
Time<sup class="text-danger">*</sup></label>
                                </div>
                                <div class="col-lg-6 col-12 formDesigne">
                                <label>Which date suits you:</label>
                                <input type="date" id="date" />
                                </div>
                                <p class="show-validated hide"></p>
                                <div class="col-lg-6 col-12 formDesigne">
                                <div id="ddl"></div>
                                </div>
                                <p class="show-validated"></p>
                                </div>
                                <div class="col-lg-5 col-12 mx-auto mt-5">
                                <input type="button" id="btnSend"
class="form-control btnSend" value="Send Message" />

```

```
        </div>
      </form>
      <p id="success"></p>
    </div>
  </div>
</div>
</section>
```




```
<section class="section-padding" id="author">
  <div class="container">
    <div class="row authorSection">
      <div class="col-12">
        <h2 class="mb-5 text-center" data-aos="fade-
up">Author</h2>
      </div>
      <div class="col-lg-6 col-md-12" data-aos="fade-down"
id="authorImg">
        
      </div>
      <div class="col-lg-4 col-md-12" id="authorText" data-
aos="fade-up">
        <h4>Jovana Ćirić</h4>
        <h4>Index: 110/21</h4>
        <h4>Check out my <a href="https://jovana-ciric-
portfolio.netlify.app/" target="_blank">Portfolio</a></h4>
      </div>
    </div>
  </div>
</section>
```



```

<section class="google-map">
  <iframe
src="https://maps.google.com/maps?q=obrenovac%20kneza%20mihaila%201&t=&z=13&ie=UTF8&iwloc=&output=embed" class="map-iframe" width="100%" height="400"
style="border:0;" allowfullscreen="" loading="lazy"></iframe>
  </section>
</main>
<footer class="site-footer">
  <div class="container">
    <div class="row" id="footerDesign">
      <div class="col-lg-6 col-md-12 ms-12">
        <a href="mailto:jovana.ciric.110.21@ict.edu.rs"
class="custom-link">
          Reach Foto Studio Lazarević:
jovana.ciric.110.21@ict.edu.rs
        </a>
      </div>
      <div class="col-lg-6 col-md-12 ms-auto" id="creatorContact">
        <a href="mailto:jovana.ciric.110.21@ict.edu.rs"
class="custom-link">
          Reach me via: jovana.ciric.110.21@ict.edu.rs
        </a>
      </div>
      <div class="col-lg-6 col-md-12 ms-12" id="icons"></div>
      <div class="col-lg-6 col-12 ms-12">
        <p class="copyright-text mb-0">
          Copyright © <a href="#">Jovana Ćirić</a> <br />
          Check out my <a href="https://jovana-ciric-portfolio.netlify.app/" target="_blank">Portfolio</a>
        </p>
      </div>
    </div>
  </div>

```

```
        </div>
    </footer>

    <a href="#" class="btn btn-lg back-to-top"><i class="bi bi-arrow-
up"></i></a>
```



```
<div class="coupon-container">
  <div class="close">
    <svg
      xmlns="http://www.w3.org/2000/svg"
      class="h-6 w-6"
      fill="none"
      viewBox="0 0 24 24"
      stroke="currentColor"
    >
      <path
        stroke-linecap="round"
        stroke-linejoin="round"
        stroke-width="2"
        d="M6 18L18 6M6 6L12 12"
      />
    </svg>
  </div>
```

```




<h2>Congratulations!</h2>
<p>You can get</p>
<div class="discount">30% discount on Calendars!</div>
<p>Here is your code</p>
<div class="code">LBSAVE75</div>
<a href="mailto:jovana.ciric.110.21@ict.edu.rs" class="btn">Send
code via Email</a>
</div>
```

2. Organizacija

2.1. Organizacija Sajta

Sajt je jednostranični, svaki link vodi na određenu sekciju.

2.2. Mapa Sajta

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <url>
    <loc>https://jovanac998.github.io/FotoStudioLazarevic/index.html</loc>
    <lastmod>2023-01-25</lastmod>
    <priority>1.00</priority>
  </url>
</urlset>
```

3. JS kod

Main.js

```
var errorCount = 0;

$(document).ready(function() {
    "use strict";

    populateEvents();
    menu();
    icons();
    text();
    ddl();
    insertImage();
    magnifPopup();
    insertRadioBtn();
    insertCb();
    imagesDesing();
    couponPopUp();

    document.getElementById("btnSend").addEventListener("click", formValidate);

    //SERVICE SHOW
    $(':radio[name=radio]').change(function() {
        $(".showService").show("slow")
    });

    //BACK TO TOP AROW
    $(window).scroll(function() {
        if ($(this).scrollTop() > 100) {
            $('.back-to-top').fadeIn('slow');
        } else {
            $('.back-to-top').fadeOut('slow');
        }
    });
    $('.back-to-top').click(function() {
        $('html, body').animate({
            scrollTop: 0
        }, 1500, 'easeInOutExpo');
        return false;
    });

    //PORTFOLIO IMG
```

```

const appear = document.querySelector('.appear');
const cb = function(entries) {
  entries.forEach(entry => {
    if (entry.isIntersecting) {
      entry.target.classList.add('inview');
    } else {
      entry.target.classList.remove('inview');
    }
  });
}
const io = new IntersectionObserver(cb);
io.observe(appear);

function magnifPopup() {
  $('.image-popup').magnificPopup({
    type: 'image',
    removalDelay: 300,
    mainClass: 'mfp-with-zoom',
    gallery: {
      enabled: true
    },
    zoom: {
      enabled: true,
      duration: 300,
      easing: 'ease-in-out',
      opener: function(openerElement) {
        return openerElement.is('img') ? openerElement :
openerElement.find('img');
      }
    }
  });
}

function couponPopUp() {
  const couponContainer = document.querySelector(".coupon-container");
  const closeBtn = document.querySelector(".coupon-container .close");
  const redeemBtn = document.querySelector(".coupon-container .btn");

  setTimeout(() => {
    couponContainer.classList.add("active");
  }, 5000);

  closeBtn.addEventListener("click", () => {
    couponContainer.classList.remove("active");
  });
}

```



```

    });

    redeemBtn.addEventListener("click", () => {
        couponContainer.classList.remove("active");
    });
}

function imagesDesing() {
    let ispis = ""
    let image = ["Weddings", "Birthdays", "Christenings"];

    image.forEach(e => {

        if (e == "Weddings") {
            ispis += `<div class="carousel-item active">
                
                <div class="team-thumb bg-warning">
                    <h3 class="text-white mb-0">${e}</h3>
                </div>
            </div>`
        } else {
            ispis += `<div class="carousel-item">
                
                <div class="team-thumb bg-warning">
                    <h3 class="text-white mb-0">${e}</h3>
                </div>
            </div>`
        }

    });

    document.getElementById("inputImg").innerHTML = ispis;
}

function menu() {
    let ispis = "<ul class='navbar-nav mx-auto'>"
    let menu = ["Home", "About", "Portfolio", "Events", "Contact", "Author"];
    menu.forEach(element => {
        ispis += `<li class="nav-item"><a class="nav-link" href="#${element.toLowerCase()}">${element}</a></li>`
    });
    ispis += '</ul>';
    document.getElementById("navbarNav").innerHTML = ispis;
}

```

```

}

function icons() {
    var social = "<ul class='social-icon'>"
    let menu = ["facebook", "whatsapp", "instagram", "youtube", "diagram-3",
"file-earmark-pdf"];
    let href = ["https://www.facebook.com/Fotostudiolazarevic",
"https://wa.me/+381601499117",
"https://www.instagram.com/lazar_lazarevic_photography/",
"https://www.youtube.com/@Lazaryss7",
"informations/sitemap.xml",
"#"]

    menu.forEach(function callback(element, index) {
        social += `<li><a href="${href[index]}" target="_blank" class="social-
icon-link bi-${element}"></a></li>`;
    });
    social += '</ul>';
    document.getElementById("icons").innerHTML = social;
}

function text() {
    let ispis = '';
    let p = ["Photography services that we offer includes portrait photography,
events photography, real estate photography and more.",
    "From the beggining of our journey, we've made a lot of memories together
with our clients that made us perfect for your occasions.",
    "Some moments deserve more than a selfie, especially moments that are
shared with family. Let us turn your moments together into memories that last for
a lifetime."
    ];

    p.forEach(element => {
        ispis += `<p class= "textBr">${element}</p>`;
    });
    document.querySelector("#text").innerHTML = ispis;
}

function insertImage() {
    let ispis = '';
    const list = document.getElementsByClassName("insert");
    let src = [{
        type: "birthday2",
        title: "Nevena's Birthday"
    }

```

```

    },
    {
      type: "wedding2",
      title: "Ana and Marko Wedding"
    },
    {
      type: "wedding1",
      title: "Nikolina and Dragan Wedding"
    },
    {
      type: "newYear",
      title: "Pictures for New Year calendars"
    }
  ];

  for (let i = 0; i < src.length; i++) {
    ispis = `

```

```

    let typeOfServices = ["Photography", "Video recording", "Drone video
recording"];

    typeOfServices.forEach(function callback(element, index) {
        ispis = `
```

```

checkRegex(reName, nameContact, messageFullName);
checkRegex(reEmail, email, messageEmail);

let valueRadio = "";
for (let i = 0; i < radioBtns.length; i++) {
    if (radioBtns[i].checked) {
        valueRadio = radioBtns[i].value;
        break;
    }
}

let valueCb = "";
for (let i = 0; i < cb.length; i++) {
    if (cb[i].checked) {
        valueCb += cb[i].value + " ";
    }
}

serviceChecks(valueRadio, radioBtns, messageRadio);
if (valueRadio !== "") {
    serviceChecks(valueCb, cb, messageCb);
}

dateValidation(date, messageDate);
timeValidation(ddlTime, messageTime);

if (errorCount == 0) {
    let divSuccess = document.querySelector("#success");
    divSuccess.setAttribute("class", "alert alert-success mt-4");

    divSuccess.innerHTML = `Thanks ${nameContact.value}, we will reach You as
soon as possible!`;

    document.getElementById("form").reset();
}

function checkRegex(regex, object, message) {
    if (!regex.test(object.value)) {
        object.nextElementSibling.classList.remove("hide");
        object.nextElementSibling.innerHTML = message;
        errorCount++;
    } else {
        object.nextElementSibling.classList.add("hide");
        errorCount = 0;
    }
}

```

```

    }
}

function serviceChecks(checkedElements, array, message) {
    if (checkedElements == "") {
        array[array.length -
1].parentElement.parentElement.nextElementSibling.classList.remove("hide");
        array[array.length -
1].parentElement.parentElement.nextElementSibling.innerHTML = message;
        errorCount++;
    } else {
        array[array.length -
1].parentElement.parentElement.nextElementSibling.classList.add("hide");
        errorCount = 0;
    }
}

function dateValidation(date, message) {
    var selectedDate = new Date(date.value);

    var now = new Date();

    if (isNaN(selectedDate) || selectedDate < now) {
        date.parentElement.nextElementSibling.classList.remove("hide");
        date.parentElement.nextElementSibling.innerHTML = message;
        errorCount++;
    } else {
        date.parentElement.nextElementSibling.classList.add("hide");
        errorCount = 0;
    }
}

function timeValidation(time, message) {
    let ddlTimeValue = time.options[time.selectedIndex].value;

    if (ddlTimeValue == "0") {
        time.parentElement.parentElement.nextElementSibling.classList.remove("hide");
        time.parentElement.parentElement.nextElementSibling.innerHTML = message;
        errorCount++;
    } else {
        time.parentElement.parentElement.nextElementSibling.classList.add("hide");
    }
    errorCount = 0;
}

```

```

}

function populateEvents() {

  let ispis = "";
  let events = [{
    src: "anniversary",
    alt: "8th anniversary",
    bg: "primary",
    time: "Upcoming",
    title: "Come and celebrate with us on the 8th anniversary of our
opening!",
    happend: "January 30, 2023"
  },
  {
    src: "calendars",
    alt: "New Year calendars",
    bg: "success",
    time: "Current",
    title: "Photo shooting for New Year's calendars",
    happend: "Still going"
  }
]

  events.forEach(e => {
    ispis += `<div class="news-thumb news-two-column d-flex flex-column flex-
lg-row" data-aos="fade-up">
      <div class="news-top w-100 news-image-hover news-image-
hover-${e.bg}" data-aos="fade-up">
        
        <div class="news-category bg-${e.bg} text-
white">${e.time}</div>
      </div>
      <div class="news-bottom w-100">
        <div class="news-text-info">
          <h5 class="news-title news-title-link">
            ${e.title}
          </h5>
          <span class="text-muted">
            <i class="bi-geo-alt-fill me-1 mb-2 mb-lg-
0"></i>
            Obrenovac, ${e.happend}
          </span>

```

```
        </div>
      </div>
    </div>
  ,
});

document.getElementById("eventSpace").innerHTML = ispis;
}
```