DOKUMENTACIJA

WEB PROGRAMIRANJE 1

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Indeks: 109/23

Sadrzaj

1.Uvod

1. **Korisceni programski jezici**
- **Sajt je izradjen koriscenjem sledecih programskih jezika i tehnologija: HTML5, CSS3, Bootstrap, JavaScript, jQuery i XML.**
  HTML je koriscen za strukturu stranica, CSS i Bootstrap za stilizovanje i responzivni dizajn, JavaScript i jQuery za implementaciju dinamickih funkcionalnosti i interakciju sa korisnikom, dok je XML koriscen za izradu sitemap dokumenta. Razvojno okruzenje korisceno tokom izrade projekta je Visual Studio Code.

1.1. Opis funkcionalnosti
Sajt poseduje vise dinamickih funkcionalnosti koje unapredjuju interakciju sa korisnikom:

- **Implementiran je dinamicki navigacioni meni koji omogucava jednostavnu navigaciju ka svim sekcijama sajta.**

- **Sekcija "Our Services" realizovana je dinamicki, gde dugmad Learn More omogucavaju prikaz dodatnog opisa izabrane usluge.**

- **Sekcija FAQ sadrzi pitanja koja se otvaraju i zatvaraju klikom korisnika, pri cemu je efekat realizovan pomocu JavaScript programiranja.**

- **Implementirana je kontakt forma sa dinamickim prikazom i validacijom unetih podataka.**

- **Validacija forme obuhvata proveru obaveznih polja (ime, prezime, e-mail, telefon, izbor usluge i pol), proveru velikog pocetnog slova za ime i prezime, kao i podrsku za unos srpskih karaktera.**

- **Na stranici je implementirano Back to Top dugme koje se pojavljuje prilikom skrolovanja i omogucava brz povratak na vrh stranice.**

1.3 Template
Za izradu ovog sajta nije koriscen gotov template.

4.Organizacija

2.1 Organizaciona sema
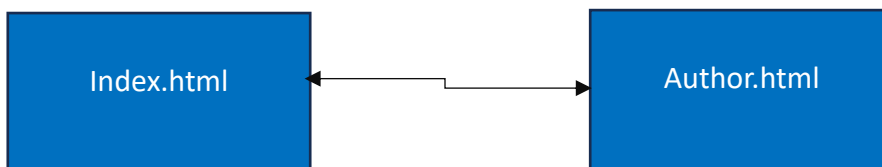
2.2 Mapa sajta

```xml
sitemap.xml
 1    <?xml version="1.0" encoding="UTF-8"?>
 2
 3    <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
 4
 5       <url>
 6          <loc>https://jovan112.github.io/handyman/index.html</loc>
 7          <lastmod>2026-02-21</lastmod>
 8          <changefreq>weekly</changefreq>
 9          <priority>1.0</priority>
10       </url>
11
12       <url>
13          <loc>https://jovan112.github.io/handyman/pages/author.html</loc>
14          <lastmod>2026-02-21</lastmod>
15          <changefreq>monthly</changefreq>
16          <priority>0.8</priority>
17       </url>
18
19    </urlset>
```
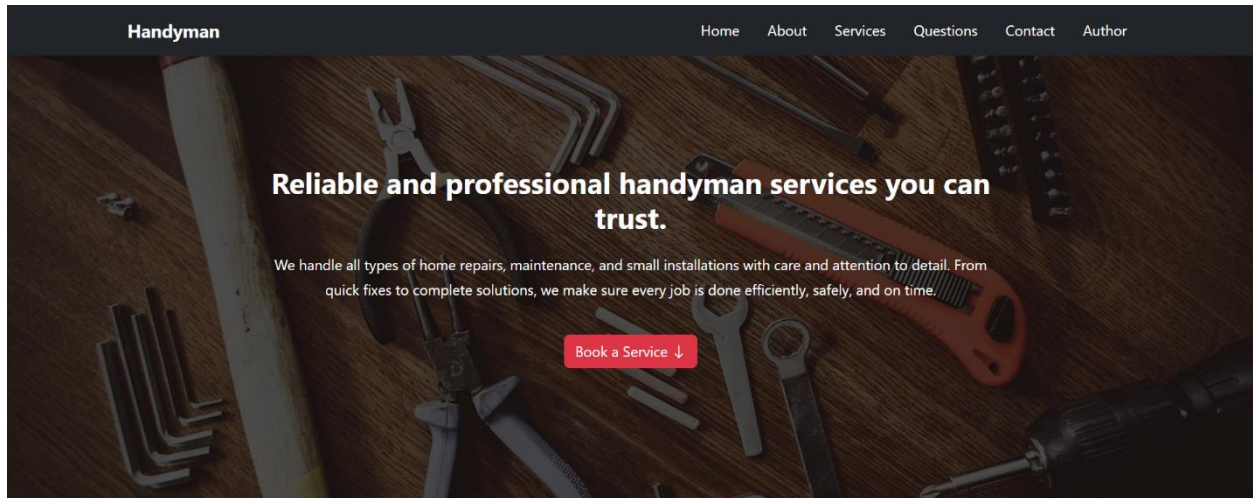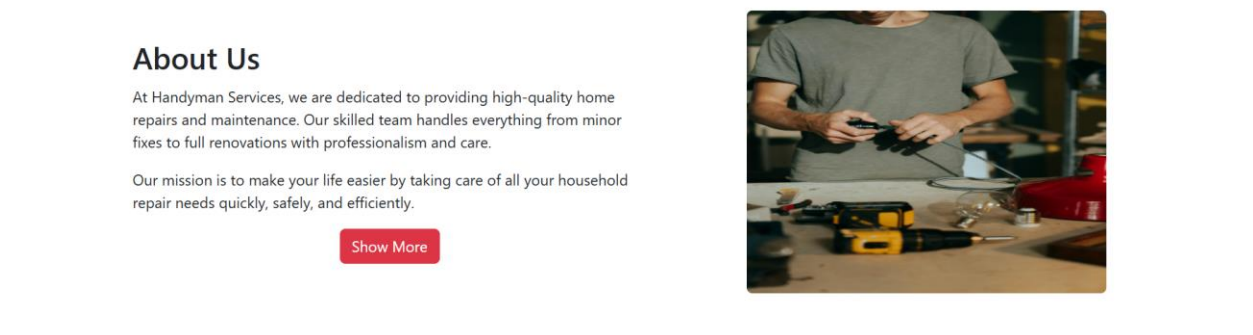
2.3 Slike stranica i opis funkcionalnost

Dinamicko čitanje informacija iz JavaScripta i automatsko generisanje meni linkova u navigacionom meniju. Prikazuje se uvodna poruka sa pozadinskom slikom i dugmetom za zakazivanje. Dinamicki se prikazuje tekst sa vremenskim kasnjenjem nakon ucitavanja stranice.

Klikom na dugme se dinamicki prikkazuje dodatni tekst i ponovnim klikom dodatni deo teksta nestaje.

Imamo filter koji sluzi da filtrira po selektivnoj kategoriji. Imamo button koji sluzi za dinamicko ispisivanje servisa.

Frequently Asked Questions
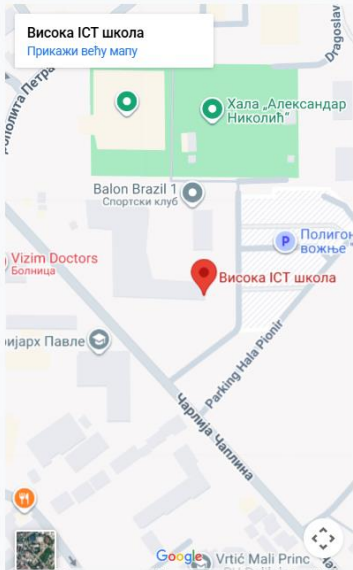
How quickly can you respond?

Do you offer emergency services?

Are your technicians licensed?

Odgovori u FAQ sekciji se dinamički prikazuju klikom na pitanje.

Forma koristi JavaScript za dinamičku validaciju podataka, a lokacija je prikazana pomoću Google Maps embed-a.

Contact Form

First Name

Enter first name

⚠ First Name is required

Last Name

Enter last name

⚠ Last Name is required

Email

Enter email

⚠ Email is required

Phone Number

Enter phone number

⚠ Phone number is required

Select Option

Choose ⌄

⚠ Please select an option

Gender

◯ Male   ◯ Female

⚠ Please select gender

Submit

Contact Form

First Name

jovan

⚠️ Must start with a capital letter and include only letters

Last Name

vicentijevic

⚠️ Must start with a capital letter and include only letters

Email

jovan.vicentijevic.109.23

⚠️ Email must be in the format: name@domain.com

Phone Number

1234

⚠️ Phone must be 6-15 digits

Select Option

Choose ⌄

⚠️ Please select an option

Gender

🔵 Male ⚪ Female

Submit

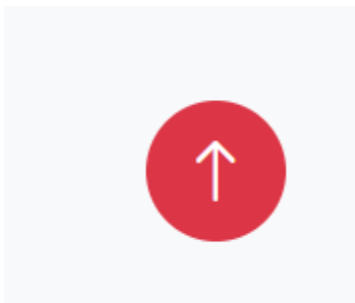Prilikom klika na submit dugme dinamicki se ispisuju greske u zavinosti da li je uneta greska ili je nepravilno unet podatak.

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Dugme za povratak na vrh stranice koje se prikazuje pri skrolovanju.

3. Kodovi

3.1 HTML

Index.html

```html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <link rel="stylesheet" href="assets/css/style.css">
7    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
8    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.11.1/font/bootstrap-icons.css">
9    <link rel="icon" type="image/png" href="assets/img/wrench.png">
10   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css">
11   <meta name="description" content="Professional handyman services in Belgrade. Reliable repairs, painting,
12   electrical and plumbing work.">
13 <meta name="author" content="Jovan Vicentijevic">
14 <meta name="keywords" content="handyman, repair, painting, plumbing, electrical, Belgrade">
15
16   <title>Handyman</title>
17
18 </head>
19 <body>
20   <div class="navbar-container">
21     <nav class="navbar navbar-expand-lg navbar-dark bg-dark fixed-top">
22       <div class="container">
23         <a class="navbar-brand" href="#">Handyman</a>
24         <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
25                 data-bs-target="#mainNavbar" aria-controls="mainNavbar"
26                 aria-expanded="false" aria-label="Toggle navigation">
27           <span class="navbar-toggler-icon"></span>
28         </button>
29
30         <div class="collapse navbar-collapse" id="mainNavbar">
31
32         </div>
33       </div>
34     </nav>
35   </div>
```

```html
    <section class="hero-section">
    <div class="hero-background"></div>
    <div class="hero-content text-center">
        <h2 class="hero-title">
            Reliable and professional handyman services you can trust.
        </h2>
        <p class="hero-text">
            We handle all types of home repairs, maintenance, and small installations with care and attention to detail.
            From quick fixes to complete solutions, we make sure every job is done efficiently, safely, and on time.
        </p>
        <a href="#contact" class="btn btn-danger mt-3">
    Book a Service <i class="bi bi-arrow-down"></i>
</a>
    </div>
    </section>

<section id="aboutus" class="about-section py-5">
    <div class="container">
        <div class="row align-items-center">
            <div class="col-lg-6">

                <h2 class="section-title">About Us</h2>

                <div class="about-text">

                    <p class="section-text">
                        At Handyman Services, we are dedicated to providing high-quality home repairs and maintenance.
                        Our skilled team handles everything from minor fixes to full renovations with professionalism and care.
                    </p>

                    <p class="section-text">
                        Our mission is to make your life easier by taking care of all your household repair needs quickly, safely, and efficiently.
                    </p>

                    <!-- DODATNI TEKST -->
                    <div id="moreText" class="hidden-text">
                        <p class="section-text">
                            We pride ourselves on reliability, transparent pricing, and customer satisfaction.
                            Our experienced professionals ensure every project is completed with attention to detail
                            and long-lasting quality.
                        </p>
                    </div>


                    <button id="toggleBtn" class="btn btn-danger mt-3 d-block mx-auto">
                        Show More
                    </button>
```

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```html
        <div id="rhimage" class="col-lg-6 text-center mt-4 mt-lg-0">
            <img src="assets/img/handyman 2.jpg" alt="Handyman team" class="img-fluid rounded">
        </div>

    </div>
  </div>
</section>

<section id="service">
  <div id="about-sections"></div>


  <section id="wrapper" class="wrapper alt style1">
    <div class="inner">
        <h2 class="major">Our Services</h2>
        <p>We provide a variety of services to help your business or home run smoothly.</p>

        <div class="col-12">
          <label for="service-category">Category</label>
          <select name="service-category" id="service-category">
            <option value="">All</option>
          </select>
        </div>

        <section class="features" id="service-list"></section>
        <a href="#" class="button primary small fit" id="load-more-services">See More</a>
    </div>
  </section>
</section>

        <section id="faq"></section>

<section id="contact" class="bg-light py-5">
  <div class="container">
    <div class="row">

      <div class="col-md-6 mb-4">
        <h2 class="mb-3">Our Location</h2>
        <div class="map-container">
          <iframe
            src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d2830.358858881597!2d20.481839876105326!3d44.8
          >
        </iframe>
        </div>
      </div>

      <div class="col-md-6">
        <div class="form-container">
          <h2 class="form-title mb-3">Contact Form</h2>
          <form id="myForm" novalidate>
            <div class="mb-3">
              <label for="firstName" class="form-label">First Name</label>
              <input type="text" class="form-control" id="firstName" placeholder="Enter first name">
              <div class="error" id="errorFirstName"></div>
            </div>

            <div class="mb-2">
              <label for="lastName" class="form-label">Last Name</label>
              <input type="text" class="form-control" id="lastName" placeholder="Enter last name">
              <div class="error" id="errorLastName"></div>
            </div>
```

```html
                <div class="mb-2">
                  <label for="email" class="form-label">Email</label>
                  <input type="text" class="form-control" id="email" placeholder="Enter email">
                  <div class="error" id="errorEmail"></div>
                </div>

                <div class="mb-2">
                  <label for="phone" class="form-label">Phone Number</label>
                  <input type="text" class="form-control" id="phone" placeholder="Enter phone number">
                  <div class="error" id="errorPhone"></div>
                </div>

                <div class="mb-2">
                  <label for="optionSelect" class="form-label">Select Option</label>
                  <select class="form-select" id="optionSelect">
                    <option value="">Choose</option>
                    <option value="General Repairs">General Repairs</option>
                    <option value="Electrical & Plumbing">Electrical & Plumbing</option>
                    <option value="Painting & Carpentry">Painting & Carpentry</option>
                    <option value="Home & security">Home & security</option>
                    <option value="HVAC & Heating">HVAC & Heating</option>
                    <option value="Tehnical support">Tehnical support</option>
                  </select>
                  <div class="error" id="errorSelect"></div>
                </div>

                <div class="mb-2">
                  <label class="form-label">Gender</label>
                  <div>
                    <div class="form-check form-check-inline">
                      <input class="form-check-input" type="radio" name="gender" id="male" value="Male">
                      <label class="form-check-label" for="male">Male</label>
                    </div>
                    <div class="form-check form-check-inline">
                      <input class="form-check-input" type="radio" name="gender" id="female" value="Female">
                      <label class="form-check-label" for="female">Female</label>
                    </div>
                  </div>
                  <div class="error" id="errorGender"></div>
                </div>

                <button type="submit" class="btn btn-danger w-100">Submit</button>
              </form>
            </div>
          </div>

        </div>
      </div>
    </section>
```

```html
206  <footer class="myfooter bg-dark text-light pt-5">
207    <div class="container">
208      <div class="row">
209
210        <div class="col-md-6 mb-4">
211          <h5 class="myfooter-title mb-3">Contact Information</h5>
212          <p><strong>Phone:</strong> +381 60 123 4567</p>
213          <p><strong>Email:</strong> info@handymanservices.com</p>
214          <p><strong>Location:</strong> Belgrade, Serbia</p>
215
216          <div class="myfooter-social mt-3">
217            <a href="https://www.facebook.com/?locale=sr_RS" target="_blank" class="text-light me-3"><i class="bi bi-facebook"></i></a>
218            <a href="https://www.instagram.com/" target="_blank" class="text-light me-3"><i class="bi bi-instagram"></i></a>
219            <a href="https://x.com/" target="_blank" class="text-light me-3"><i class="bi bi-twitter"></i></a>
220            <a href="https://rs.linkedin.com/" target="_blank" class="text-light me-3"><i class="bi bi-linkedin"></i></a>
221            <a href="Dokumentacija.pdf" target="_blank" class="text-light"><i class="bi bi-book"></i></a>
222          </div>
223        </div>
224
225        <div class="col-md-6 mb-4">
226          <h5 class="myfooter-title mb-3">Why Choose Our Company</h5>
227          <p>
228            We provide reliable, high-quality handyman services with a strong focus on customer satisfaction.
229            Our experienced professionals deliver fast, affordable, and long-lasting solutions for your home and business.
230          </p>
231        </div>
232
233      </div>
234    </div>

235
236    <div class="myfooter-bottom text-center border-top pt-3 mt-3 d-flex flex-column align-items-center gap-2">
237      <a href="rss.xml" class="text-light text-decoration-none">
238        <i class="bi bi-rss"></i> RSS
239      </a>
240      <a href="sitemap.xml" class="text-light text-decoration-none">
241        <i class="bi bi-diagram-3"></i> Sitemap
242      </a>
243      <p class="mb-0">© 2026 Handyman Services. All rights reserved.</p>
244    </div>
245  </footer>
246
247  <button id="backToTop" title="Go to top">
248    <i class="bi bi-arrow-up"></i>
249  </button>
250  <script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
251  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>
252    <script type="text/javascript" src="js/main.js"></script>
253
254  </body>
255  </html>
```

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Author.html

```
pages > <> author.html > ⊘ html > ⊘ body > ⊘ div.navbar-container > ⊘ nav.navbar.navbar-expand-lg.navbar-dark.bg-dark.fixed-top > ⊘ div.container > ⊘ a.navbar-brand
  1   <!DOCTYPE html>
  2   <html lang="en">
  3   <head>
  4       <meta charset="UTF-8">
  5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
  6       <link rel="stylesheet" href="../assets/css/style.css">
  7     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
  8     <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.11.1/font/bootstrap-icons.css">
  9     <link rel="icon" type="image/png" href="../assets/img/wrench.png">
 10     <title>Handyman</title>
 11   </head>
 12   <body>
 13       <div class="navbar-container">
 14       <nav class="navbar navbar-expand-lg navbar-dark bg-dark fixed-top">
 15         <div class="container">
 16           <a class="navbar-brand" href="../index.html">Handyman</a>
 17           <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
 18                   data-bs-target="#mainNavbar" aria-controls="mainNavbar"
 19                   aria-expanded="false" aria-label="Toggle navigation">
 20             <span class="navbar-toggler-icon"></span>
 21           </button>

 23           <div class="collapse navbar-collapse" id="mainNavbar">

 25           </div>
 26         </div>
 27       </nav>
 28     </div>
 29     <section class="author-section py-5">
 30     <div class="container">
 31       <div class="row align-items-center">


 34         <div class="col-md-4 text-center mb-4 mb-md-0">
 35           <img src="../assets/img/author.jpg"alt="Author" class="img-fluid rounded-circle mt-4" style="max-width:250px;">
 36         </div>
```

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```html
 2    <html lang="en">
12    <body>
29      <section class="author-section py-5">
30        <div class="container">
31          <div class="row align-items-center">

38
39            <div class="col-md-8">
40              <h3>About the Author</h3>
41              <p>
42                My name is Jovan Vićentijevic. I was born in Kraljevo in 2004.
43                I graduated from the Secondary Electrical Engineering School in Kraljevo, and am now studying ICT, IT.
44              </p>
45            </div>
46
47          </div>
48        </div>
49      </section>
50
51        <footer class="myfooter bg-dark text-light pt-5">
52        <div class="container">
53          <div class="row">
54
55            <div class="col-md-6 mb-4">
56              <h5 class="myfooter-title mb-3">Contact Information</h5>
57              <p><strong>Phone:</strong> +381 60 123 4567</p>
58              <p><strong>Email:</strong> info@handymanservices.com</p>
59              <p><strong>Location:</strong> Belgrade, Serbia</p>
60
61              <div class="myfooter-social mt-3">
62                <a href="https://www.facebook.com/?locale=sr_RS" target="_blank" class="text-light me-3"><i class="bi bi-facebook"></i></a>
63                <a href="https://www.instagram.com/" target="_blank" class="text-light me-3"><i class="bi bi-instagram"></i></a>
64                <a href="https://x.com/" target="_blank" class="text-light me-3"><i class="bi bi-twitter"></i></a>
65                <a href="https://rs.linkedin.com/" target="_blank" class="text-light"><i class="bi bi-linkedin"></i></a>
66                <a href="../Dokumentacija.pdf" target="_blank" class="text-light"><i class="bi bi-book"></i></a>
67              </div>
68            </div>
69
```

```html
 2    <html lang="en">
12    <body>
51        <footer class="myfooter bg-dark text-light pt-5">
52        <div class="container">
53          <div class="row">
69
70            <div class="col-md-6 mb-4">
71              <h5 class="myfooter-title mb-3">Why Choose Our Company</h5>
72              <p>
73                We provide reliable, high-quality handyman services with a strong focus on customer satisfaction.
74                Our experienced professionals deliver fast, affordable, and long-lasting solutions for your home and business.
75              </p>
76            </div>
77
78          </div>
79        </div>
80
81        <div class="myfooter-bottom text-center border-top pt-3 mt-3 d-flex flex-column align-items-center gap-2">
82          <a href="/rss.xml" class="text-light text-decoration-none">
83            <i class="bi bi-rss"></i> RSS
84          </a>
85          <a href="/sitemap.xml" class="text-light text-decoration-none">
86            <i class="bi bi-diagram-3"></i> Sitemap
87          </a>
88          <p class="mb-0">© 2026 Handyman Services. All rights reserved.</p>
89        </div>
90      </footer>
91
92      <button id="backToTop" title="Go to top">
93        <i class="bi bi-arrow-up"></i>
94      </button>
95      <script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
96      <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>
97        <script type="text/javascript" src="../js/main.js"></script>
98    </body>
99    </html>
```

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3.2 Javascript

```js
js > JS main.js > ready() callback > click() callback
1  window.addEventListener("load", function() {
2      setTimeout(function() {
3          const tekst = document.querySelector(".hero-content");
4          tekst.style.opacity = "1";
5          tekst.style.transform = "translateY(0)";
6      }, 1000);
7  });
```

```
9    //meni
10   const isInPagesFolder = window.location.pathname.includes("/pages/");
11   const basePath = isInPagesFolder ? "../" : "";
12
13   const menuItems = [
14     { text: "About", link: basePath + "index.html#aboutus" },
15     { text: "Services", link: basePath + "index.html#service" },
16     { text: "Questions", link: basePath + "index.html#faq" },
17     { text: "Contact", link: basePath + "index.html#contact" },
18     { text: "Author", link: basePath + "pages/author.html" },
19     { text: "Zip Fajl", link: basePath + "projekat.zip", download: true }
20   ];
21
22   $(document).ready(function() {
23     const $navContainer = $("#mainNavbar");
24     const $ul = $("<ul>").addClass("navbar-nav ms-auto");
25
26
27     menuItems.forEach(item => {
28       const $li = $("<li>").addClass("nav-item");
29       const $a = $("<a>")
30     .addClass("nav-link")
31     .addClass(item.link.includes("#") ? "scroll-link" : "")
32     .attr("href", item.link)
33     .text(item.text);
34       $li.append($a);
35       $ul.append($li);
36     });
38     $navContainer.append($ul);
39
40     const navLinks = $(".nav-link.scroll-link");
41     const sections = $("section");
42
43     |
44     navLinks.click(function(e) {
45       const target = $(this).attr("href");
46       if (target.startsWith("#")) {
47         e.preventDefault();
48         $("html, body").animate({
49           scrollTop: $(target).offset().top - 70
50         }, 800);
51       }
52     });
```

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```javascript
$(window).on("scroll", function() {
    let current = "";

    sections.each(function() {
        const sectionTop = $(this).offset().top - 80;
        const sectionBottom = sectionTop + $(this).outerHeight();

        if ($(window).scrollTop() >= sectionTop && $(window).scrollTop() < sectionBottom) {
            current = $(this).attr("id");
            return false;
        }
    });

    navLinks.removeClass("active");
    navLinks.each(function() {
        const href = $(this).attr("href").split("#")[1];
        if (href === current) {
            $(this).addClass("active");
        }
    });
});

$(window).trigger("scroll");
});
```

```javascript
$(window).trigger("scroll");
});

$(document).ready(function () {

    $("#toggleBtn").click(function () {

        $("#moreText").slideToggle(500);

        if ($(this).text().trim() === "Show More") {
            $(this).text("Show Less");
        } else {
            $(this).text("Show More");
        }

    });

});
```

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```javascript
97  // --------- Servis ----------
98  const myServices = [
99      { category: "General",
100       name: "General Repairs",
101       description: "Fix doors, windows, furniture, and small household issues.",
102       features:["Doors","Windows","Furniture"],
103        image: "../assets/img/wrench.png" },
104     { category: "Electrical",
105       name: "Electrical & Plumbing",
106       description: "Outlet repairs, wiring, pipes, and faucets.",
107        features:["Wiring","Pipes","Faucets"],
108        image: "../assets/img/electrical & plumbing.png" },
109     { category: "Painting",
110       name: "Painting & Carpentry",
111         description: "Wall painting and custom woodwork.",
112         features:["Painting","Woodwork","Furniture"],
113         image: "../assets/img/Painting & Carpentry.png" },
114     { category: "Security",
115       name: "Home Security",
116       description: "Protect your home with smart security systems and 24/7 monitoring.",
117       features:["Alarm System", "Video Surveillance", "Smart Access"],
118        image: "../assets/img/security.png" },
119     { category: "HVAC",
120       name: "HVAC & Heating",
121       description: "Maintain optimal temperature and comfort with smart heating and climate control solutions.",
122        features:["Heating Systems", "Air Conditioning", "Ventilation"],
123         image: "../assets/img/hvac&heating.png" },
124     { category: "Smart Home Setup",
125       name: "24/7 Technical Support",
126       description: "Professional home service assistance available anytime for maintenance, repairs, and emergency support.",
127       features:["Emergency Assistance", "Maintenance Support", "Expert Technicians"],
128        image: "../assets/img/smarthome.png" }
129  ];

131  const serviceContainer = document.getElementById("service-list");
132  const loadBtn = document.getElementById("load-more-services");
133  const categorySelect = document.getElementById("service-category");
134
135  let itemsPerLoad = 2;
136  let currentIndex = 0;
137  let filteredServices = [...myServices];
138
139  [...new Set(myServices.map(s => s.category))].forEach(cat => {
140      const option = document.createElement("option");
141      option.value = cat;
142      option.textContent = cat;
143      categorySelect.appendChild(option);
144  });
145
146  function displayServices(reset = false){
147      if(reset){
148          serviceContainer.innerHTML = "";
149          currentIndex = 0;
150      }
151
152      const nextItems = filteredServices.slice(currentIndex, currentIndex + itemsPerLoad);
153      nextItems.forEach(service => {
154          const article = document.createElement("article");
155          article.className = "col-12 col-md-6 mb-4 d-flex";
156          article.innerHTML = `
157      <div class="w-100 d-flex flex-column text-center p-3">
158
159          <img src="${service.image}"
160              alt="${service.name}"
161              class="mx-auto mb-3"
162              style="width:80px">
163
164      <h3>${service.name}</h3>
165
166      <p>${service.description}</p>
```

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```
166          <p>${service.description}</p>
167
168          <ul class="text-start">
169            ${service.features.map(f => `<li>${f}</li>`).join("")}
170          </ul>
171
172          <div class="mt-auto">
173            <a href="#contact" class="btn btn-danger">
174              <i class="fa-solid fa-circle-right"></i>
175              Contact Us
176            </a>
177          </div>
178
179      </div>
180    `;
181        serviceContainer.appendChild(article);
182      });
```

```
165      currentIndex += itemsPerLoad;
166      loadBtn.style.display = currentIndex >= filteredServices.length ? "none" : "inline-block";
167    }
168
169    displayServices();
170
171    |
172    loadBtn.addEventListener("click", e => {
173      e.preventDefault();
174      displayServices();
175    });
176
177
178    categorySelect.addEventListener("change", () => {
179      const selected = categorySelect.value;
180      filteredServices = selected ? myServices.filter(s => s.category === selected) : [...myServices];
181      displayServices(true);
182    });
```

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```
184    const faqData = [
185      {
186        question: "How quickly can you respond?",
187        answer: "We usually respond within 24 hours."
188      },
189      {
190        question: "Do you offer emergency services?",
191        answer: "Yes, we offer 24/7 emergency repair services."
192      },
193      {
194        question: "Are your technicians licensed?",
195        answer: "All of our technicians are fully licensed and insured."
196      }
197    ];
198
199    $(document).ready(function() {
200
201      const faqData = [
202        {
203          question: "How quickly can you respond?",
204          answer: "We usually respond within 24 hours."
205        },
206        {
207          question: "Do you offer emergency services?",
208          answer: "Yes, we offer 24/7 emergency repair services."
209        },
210        {
211          question: "Are your technicians licensed?",
212          answer: "All of our technicians are fully licensed and insured."
213        }
214      ];
215
```

```
216     const faqSection = document.getElementById("faq");
217
218     faqSection.innerHTML = `
219       <div class="faq-container">
220         <h2>Frequently Asked Questions</h2>
221         ${faqData.map(item => `
222           <div class="faq-item">
223             <div class="faq-question">${item.question}</div>
224             <div class="faq-answer">${item.answer}</div>
225           </div>
226         `).join("")}
227       </div>
228     `;
229
230     $(".faq-question").click(function() {
231       const $parentItem = $(this).closest(".faq-item");
232
233       $(".faq-item").not($parentItem)
234         .removeClass("active")
235         .find(".faq-answer").slideUp(200);
236
237       $parentItem.toggleClass("active");
238       $parentItem.find(".faq-answer").slideToggle(200);
239     });
240
241 });
242
```

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```javascript
246  $(document).ready(function() {
247    function showError(inputId, message) {
248      const $input = $("#" + inputId);
249      const $errorDiv = $("#error" + inputId);
250      $errorDiv.text(message).addClass("active");
251      $input.addClass("error-input");
252    }
253
254    function clearError(inputId) {
255      const $input = $("#" + inputId);
256      const $errorDiv = $("#error" + inputId);
257      $errorDiv.text("").removeClass("active");
258      $input.removeClass("error-input");
259    }
260
261    $("#myForm").submit(function(e) {
262      e.preventDefault();
263
264      ['FirstName','LastName','Email','Phone','Select','Gender'].forEach(clearError);
265
266      let valid = true;
267
268      const firstName = $("#firstName").val().trim();
269      const lastName = $("#lastName").val().trim();
270      const email = $("#email").val().trim();
271      const phone = $("#phone").val().trim();
272      const option = $("#optionSelect").val();
273      const gender = $("input[name='gender']:checked");
274
275      const namePattern = /^[A-ZČĆŠĐŽ][a-zčćšđž]+$/;
276      const emailPattern = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;
277      const phonePattern = /^[0-9]{6,15}$/;
278
```

```javascript
279        if (!firstName) {
280          showError('FirstName','First Name is required');
281          valid = false;
282        } else if (!namePattern.test(firstName)) {
283          showError('FirstName','Must start with a capital letter and include only letters');
284          valid = false;
285        }
286
287        if (!lastName) {
288          showError('LastName','Last Name is required');
289          valid = false;
290        } else if (!namePattern.test(lastName)) {
291          showError('LastName','Must start with a capital letter and include only letters');
292          valid = false;
293        }
294
295        if (!email) {
296          showError('Email','Email is required');
297          valid = false;
298        } else if (!emailPattern.test(email)) {
299          showError('Email','Email must be in the format: name@domain.com');
300          valid = false;
301        }
302
303        if (!phone) {
304          showError('Phone','Phone number is required');
305          valid = false;
306        } else if (!phonePattern.test(phone)) {
307          showError('Phone','Phone must be 6-15 digits');
308          valid = false;
309        }
310
311        if (!option) {
312          showError('Select','Please select an option');
313          valid = false;
314        }
315
316        if (!gender.length) {
317          showError('Gender','Please select gender');
318          valid = false;
319        }
320
321        if (valid) {
322          $(this)[0].reset();
323        }
324      });
325    });
326
```

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```
329     const $backToTopBtn = $("#backToTop");
330     $(window).scroll(function() {
331       if ($(window).scrollTop() > 300) {
332         $backToTopBtn.show();
333       } else {
334         $backToTopBtn.hide();
335       }
336     });
337
338     $backToTopBtn.click(function() {
339       $("html, body").animate({ scrollTop: 0 }, "smooth");
340     });
341
```

Style.css

```css
1   *{
2     margin: 0;
3     padding: 0;
4   }
5   .navbar {
6     padding: 15px 0;
7   }
8
9   .navbar-brand {
10    font-weight: bold;
11    font-size: 1.4rem;
12  }
13  .navbar-collapse{
14    text-align: center;
15  }
16  .nav-link {
17    color: #fff !important;
18    margin-left: 15px;
19    transition: 0.3s;
20  }
21
22  .nav-link:hover,
23  .nav-link.active {
24    color: #e63946 !important;
25  }
26  .container{
27    display: flex;
28    justify-content: space-around;
29    align-items: center;
30  }
```

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```css
31  .hero-section {
32    position: relative;
33    height: 580px;
34    display: flex;
35    justify-content: center;
36    align-items: center;
37    text-align: center;
38    overflow: hidden;
39    color: ■#fff;
40    padding: 0 20px;
41  }
42
43  .hero-background {
44    position: absolute;
45    top: 0;
46    left: 0;
47    height: 550px;
48    width: 100%;
49    background: url("../img/handyman1.jpg") no-repeat center center;
50    background-size: cover;
51    filter: brightness(30%);
52  }
53
54  .hero-content {
55    position: relative;
56    max-width: 800px;
57    opacity: 0;
58    transform: translateY(30px);
59    transition: all 0.5s ease;
60  }
61
62  .hero-title {
63    font-weight: 700;
64    margin-bottom: 20px;
65  }
66
```

```css
67    .hero-text {
68      line-height: 1.7;
69      margin-bottom: 20px;
70    }
71    #rhimage img{
72      height: 300px;
73      width: 70%;
74    }
75    #toggle-text{
76      background-color: ■#e63946;
77      padding: 10px;
78    }
79    .wrapper.spotlight {
80      display: flex;
81      align-items: center;
82      padding: 60px 0;
83      gap: 40px;
84      flex-wrap: wrap;
85    }
86
87    .wrapper.spotlight.alt {
88      flex-direction: row-reverse;
89    }
90
91    .wrapper.spotlight .inner {
92      display: flex;
93      align-items: center;
94      gap: 30px;
95      width: 100%;
96    }
97
```

```css
 98    .wrapper.spotlight .image img {
 99      max-width: 400px;
100      width: 100%;
101      border-radius: 10px;
102      box-shadow: 0 8px 20px □rgba(0,0,0,0.1);
103    }
104
105    .wrapper.spotlight .content {
106      flex: 1;
107    }
108
109    .wrapper.spotlight .content h2 {
110      font-size: 2rem;
111      margin-bottom: 20px;
112    }
113
114    .wrapper.spotlight .content p {
115      font-size: 1rem;
116      line-height: 1.6;
117      color: □#444;
118    }
119
120    /* ---------- Our Services Section ---------- */
121    #service {
122      background-color: ■#f9f9f9;
123      padding: 60px 20px;
124    }
125
126    #service .inner h2 {
127      text-align: center;
128      font-size: 2rem;
129      margin-bottom: 10px;
130    }
131
```

```css
132    #service .inner p {
133      text-align: center;
134      margin-bottom: 30px;
135      color: ■#555;
136    }
137
138    #service .col-12 {
139      text-align: center;
140      margin-bottom: 30px;
141    }
142
143    #service-category {
144      padding: 8px 12px;
145      font-size: 1rem;
146      border-radius: 6px;
147      border: 1px solid ■#ccc;
148      width: 200px;
149    }
150
151    .features {
152      display: flex;
153      flex-wrap: wrap;
154      justify-content: center;
155      gap: 20px;
156    }
157
158    .features article {
159      background-color: ■#fff;
160      padding: 20px;
161      border-radius: 10px;
162      width: calc(50% - 20px);
163      box-shadow: 0 6px 18px □rgba(0,0,0,0.08);
164      transition: transform 0.3s ease;
165    }
166
```

```css
167    .features article:hover {
168      transform: translateY(-5px);
169    }
170
171    .features article img {
172      max-width: 100px;
173      height: 100px;
174      margin: 0 auto 15px;
175      display: block;
176    }
177
178    .features article h3 {
179      font-size: 1.25rem;
180      margin-bottom: 10px;
181      text-align: center;
182    }
183
184    .features article p {
185      font-size: 0.95rem;
186      margin-bottom: 10px;
187      color: #555;
188      text-align: center;
189    }
190
191    .features article ul {
192      list-style-type: disc;
193      padding-left: 20px;
194      margin-bottom: 10px;
195    }
196
197    .features article ul li {
198      margin-bottom: 5px;
199      font-size: 0.9rem;
200    }
```

```css
202    .features article a.special {
203      display: block;
204      position: relative;
205      padding: 12px 20px;
206      text-align: center;
207      background-color: ■#d63333;
208      color: ■#fff;
209      padding: 8px 15px;
210      border-radius: 6px;
211      text-decoration: none;
212      font-weight: 500;
213      transition: background 0.3s ease;
214    }
215    .features article a.special i {
216      position: absolute;
217      left: 15px;
218      top: 50%;
219      transform: translateY(-50%);
220    }
221    .features article a.special:hover {
222      background-color: ■#a82929;
223    }
224
225    /* See More Button */
226    #load-more-services {
227      width: 99%;
228      margin: 20px 3px 20px 9px;
229      background-color: ■#d63333;
230      color: ■#fff;
231      padding: 10px 25px;
232      border-radius: 6px;
233      text-decoration: none;
234      font-weight: 600;
235      transition: background 0.3s ease;
236      text-align: center;
237    }
```

```css
239    #load-more-services:hover {
240        background-color: #a82929;
241    }
242    #faq {
243        padding: 80px 20px;
244        display: flex;
245        justify-content: center;
246    }
247
248    .faq-container {
249        width: 100%;
250        max-width: 700px;
251    }
252
253    .faq-container h2 {
254        text-align: center;
255        margin-bottom: 40px;
256    }
257
258    .faq-item {
259        border-bottom: 1px solid #ddd;
260        padding: 15px 0;
261    }
262
263    .faq-question {
264        font-weight: 600;
265        cursor: pointer;
266        position: relative;
267    }
268
269    .faq-answer {
270        display: none;
271        margin-top: 10px;
272        color: #555;
273    }
```

```css
275    .map-container {
276      width: 100%;
277      height: 85%;
278      overflow: hidden;
279      border-radius: 8px;
280    }
281
282
283
284    .contact-section {
285      padding: 60px 0;
286      background-color: #f8f9fa;
287    }
288
289    .contact-section .container {
290      max-width: 700px;
291      margin: 0 auto;
292    }
293
294    .section-header {
295      text-align: center;
296      margin-bottom: 30px;
297    }
298
299    .section-title {
300      font-size: 32px;
301      margin-bottom: 10px;
302    }
303
304    .section-subtitle {
305      font-size: 16px;
306      color: #666;
307    }
```

```css
    .form-container {
      background-color: ■#fff;
      padding: 25px;
      border-radius: 10px;
      box-shadow: 0 0 15px □rgba(0,0,0,0.1);
      width: 400px;
      margin: 0 auto;
            }

          .form-title {
              text-align: center;
              margin-bottom: 20px;
          }
    .error {
      display: none;
      color: ■#d63333;
      font-size: 0.875rem;
      margin-top: 5px;
      background-color: ■#ffe5e5;
      padding: 5px 10px;
      border-left: 4px solid ■#d63333;
      border-radius: 4px;
      position: relative;
    }

    .error.active {
      display: block;
    }

    .error.active::before {
      content: "\26A0";
      margin-right: 5px;
      font-weight: bold;
    }
```

```css
343    input.error-input, select.error-input {
344      border-color: #d63333;
345      background-color: #fff0f0;
346    }
347
348    .hidden-text {
349      display: none;
350    }
351
352    .map-container iframe{
353      width:100%;
354        height:580px;
355    }
356
357    .myfooter {
358      background-color: #222;
359      color: #f8f9fa;
360      padding-top: 3rem;
361      padding-bottom: 2rem;
362    }
363
364    .myfooter-title {
365      font-weight: 600;
366      font-size: 18px;
367    }
368
369    .myfooter-social a {
370      font-size: 20px;
371    }
372
373    .myfooter-bottom a {
374      font-size: 16px;
375    }
376
```

```css
377  v  .myfooter-bottom p {
378         font-size: 14px;
379         color: #ccc;
380      }
381  v  .myfooter-bottom {
382         border-top: 1px solid #555;
383         width: 30%;
384         margin: 10px auto 10px auto;
385         padding-top: 10px;
386      }
387
388
389
390  v  #backToTop {
391         position: fixed;
392         bottom: 30px;
393         right: 30px;
394         width: 45px;
395         height: 45px;
396         border-radius: 50%;
397         background-color: #dc3545;
398         color: #fff;
399         border: none;
400         font-size: 22px;
401         cursor: pointer;
402         display: none;
403         z-index: 1000;
404         transition: opacity 0.3s, transform 0.3s;
405      }
406

407     #backToTop:hover {
408        background-color: #bb2d3b;
409        transform: translateY(-3px);
410     }
411
```