VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA
INFORMACIONE I KOMUNIKACIONE TEHNOLOGIJE

DOKUMENTACIJA

Sajt:LogicCore

Web programiranje 1

Nemanja Borjan 119/23

Smer: Internet tehnologije

Modul: Web programiranje

Sadržaj:

1. Uvod

1.1 Korišćeni programski jezici

Korišćeni programski jezici pri izradi sajta su: HTML, CSS, JavaScript

Radno okruženje: Visual Studio Code

Sajt hostovan preko Github-a

1.2 Opis funkcionalnosti

Zajedničko za sve stranice:

Navigacioni meni unutar kog se nalaze linkovi koji vas vode do određene tačke sajta i autor stranicu

Dinamičko određivanje trenutno aktivnog linka

Footer unutar kog se nalaze rss i sitemap sajta i link ka templajtu

Index.html:

Glavna početna sekcija koja ima dugme koja na klik vas odvede na sledeću tačku stranice

Dinamički ispisane, kroz JavaScript, dve sekcije sajta u kojima se nalaze kartice u vidu podataka (stats) firme

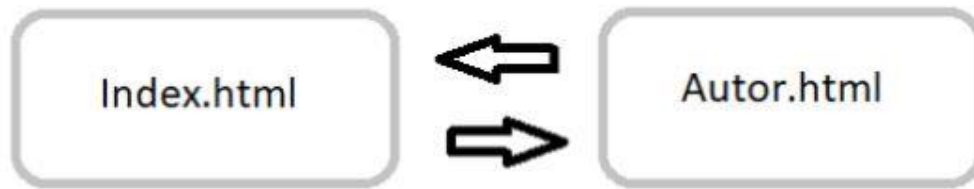Dinamički napravljeni grafikoni kroz JavaScript

Autor.html:

Jednostavno napravljen responsive stranica u kojoj se nalaze podaci o studentu

1.3

Za izradu sajta korišćen je templejt: https://templatemo.com/tm-602-graph-page

2. Organizacija sajta

2.1 Organizaciona šema sajta

2.2 Mapa sajta

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <url>
        <loc>https://nemanjaborjan.github.io/logiccore/index.html</loc>
        <lastmod>2025-02-24</lastmod>
        <changefreq>weekly</changefreq>
        <priority>1</priority>
    </url>
    <url>
        <loc>https://nemanjaborjan.github.io/logiccore/author.html</loc>
        <lastmod>2025-02-24</lastmod>
        <changefreq>yearly</changefreq>
        <priority>0.9</priority>
    </url>
</urlset>
```
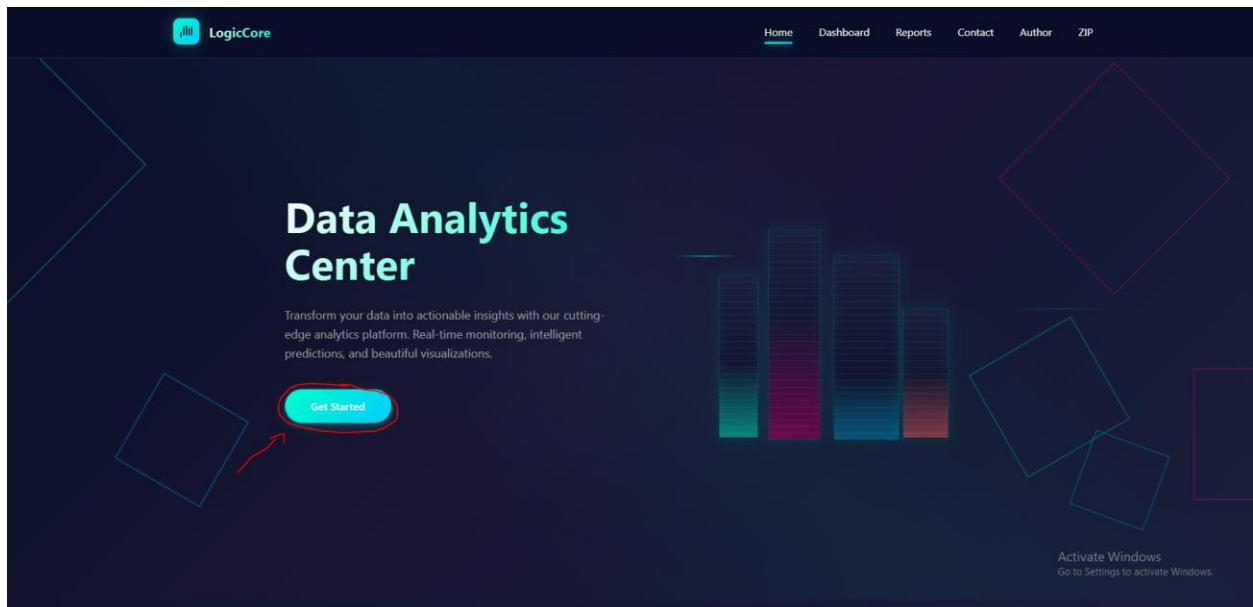
2.3 Slike stranica I opis funkcionalnosti

Navedeno dugme koje vas, kada kliknete na njega, vodi do sledeće tačke na stranici

Dinamički ispisane kartice tako što je napravljen niz i u njemu objekti koji se kroz petlju ispisuju kao što je prikazano na slici

Kao na prethodom primeru ove kartice su na sličan način dinamički ispisane

Na datoj slici je prikaz grešaka koje se pojavljuju ako forma nije dobro popunjena

3. Kodovi

Html kod (index.html)

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <meta name="keywords" content="LogicCore, Portfolio, Web Development, Data Analytics"/>
        <meta name="description" content="Welcome to LogicCore - Your Data Analytics Platform with real-time insights and intelligent predictions."/>
        <link rel="icon" href="assets/img/logoweb.ico" type="imag/x-icon"/>
        <title>LogicCore</title>
        <link rel="stylesheet" href="assets/css/templatemo-graph-page.css">
    </head>
<body>
    <!--
    TemplateMo 602 Graph Page

    https://templatemo.com/tm-602-graph-page
    -->

    <!-- Navigation -->
    <nav id="navbar">
        <div class="nav-container">
            <a href="#home" class="logo">
                <div class="logo-icon">
                    <svg viewBox="0 0 24 24">
                        <path d="M3 13h2v8H3zm4-8h2v13H7zm4-2h2v15h-2zm4 4h2v11h-2zm4-2h2v13h-2z"/>
                    </svg>
                </div>
                <span class="logo-text">LogicCore</span>
            </a>
            <ul class="nav-links">
                <li><a href="index.html#home" class="active">Home</a></li>
                <li><a href="index.html#dashboard">Dashboard</a></li>
                <li><a href="index.html#reports">Reports</a></li>
                <li><a href="index.html#contact">Contact</a></li>
                <li><a href="author.html">Author</a></li>
                <li><a href="assets/zip/LogicCore.zip">ZIP</a></li>
            </ul>
            <div class="hamburger" id="hamburger">
                <span></span>
                <span></span>
                <span></span>
            </div>
        </div>
        <ul class="nav-links-mobile" id="navLinksMobile">
            <li><a href="index.html#home" class="active">Home</a></li>
            <li><a href="index.html#dashboard">Dashboard</a></li>
            <li><a href="index.html#reports">Reports</a></li>
            <li><a href="index.html#contact">Contact</a></li>
            <li><a href="author.html">Author</a></li>
        </ul>
    </nav>
```
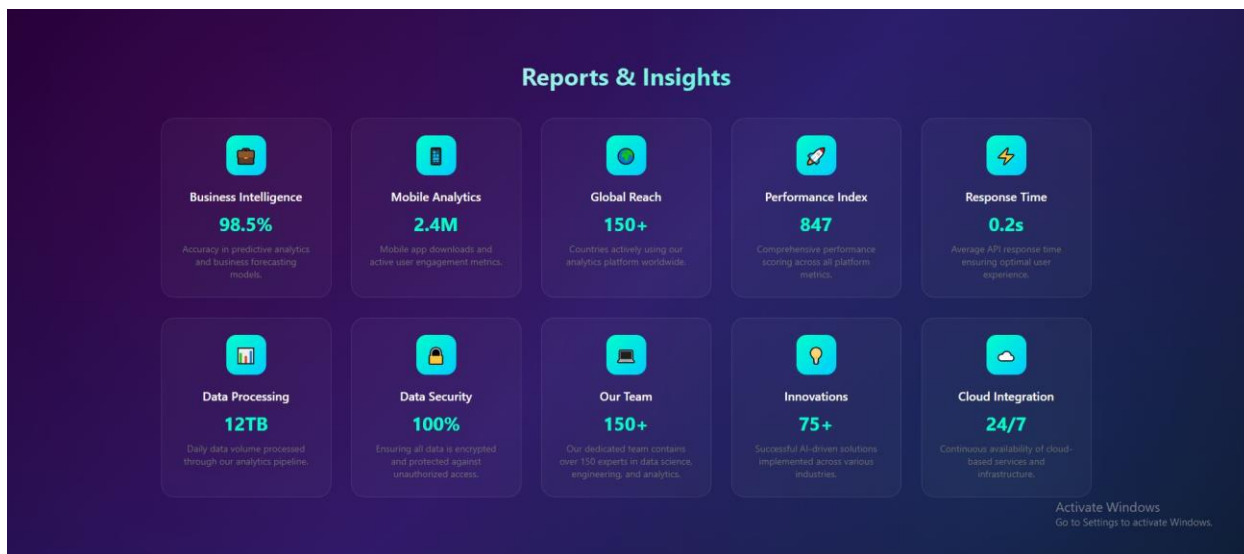
```html
<!-- Hero Section -->
<section class="hero" id="home">
    <div class="hero-bg"></div>
    <div class="geometric-shapes">
        <div class="shape shape1"></div>
        <div class="shape shape2"></div>
        <div class="shape shape3"></div>
        <div class="shape shape4"></div>
        <div class="shape shape5"></div>
        <div class="shape shape6"></div>
    </div>

    <div class="hero-content">
        <div class="hero-text">
            <h1>Data Analytics<br>Center</h1>
            <p>Transform your data into actionable insights with our cutting-edge analytics platform. Real-time monitoring, intelligent predictions, and beautiful visualizations.</p>
            <a href="#dashboard" class="cta-button">Get Started</a>
        </div>
```

```html
        <div class="hero-visual">
            <div class="city-container">
                <div class="building building1">
                    <div class="building-fill"></div>
                    <div class="building-windows"></div>
                </div>
                <div class="building building2">
                    <div class="building-fill"></div>
                    <div class="building-windows"></div>
                </div>
                <div class="building building3">
                    <div class="building-fill"></div>
                    <div class="building-windows"></div>
                </div>
                <div class="building building4">
                    <div class="building-fill"></div>
                    <div class="building-windows"></div>
                </div>
                <div class="neon-line neon-line1"></div>
                <div class="neon-line neon-line2"></div>
            </div>
        </div>
    </div>
</section>
```

```html
<!-- Dashboard Section -->
<section class="dashboard-section" id="dashboard">
    <div class="dashboard-container">
        <h2 class="section-title">Dashboard Overview</h2>

        <!-- Stats Cards -->
        <div class="stats-grid" id="statsGrid">
            <!--Dinamicko kreiranje sadrzaja u JS-->
        </div>

    </div>
</section>

<!-- Reports Section -->
<section class="reports-section" id="reports">
    <div class="dashboard-container">
        <h2 class="section-title">Reports & Insights</h2>

        <div class="info-grid" id="infoGrid">
            <!--Dinamicko kreiranje sadrzaja u JS-->
        </div>

    </div>
</section>
```

```html
<!-- Contact Section -->
<section class="contact-section" id="contact">
    <div class="dashboard-container">
        <h2 class="section-title">Get In Touch</h2>
        <div class="contact-grid">

            <!-- Contact Form -->
            <div class="contact-form">
                <h3>Send us a Message</h3>
                <form id="contactForm">
                    <div class="form-group">
                        <label for="name">Full Name</label>
                        <input type="text" id="name" name="name" placeholder="John Doe">
                    </div>
                    <div class="form-group">
                        <label for="email">Email Address</label>
                        <input type="email" id="email" name="email" placeholder="johndoe123@example.com">
                    </div>
                    <div class="form-group">
                        <label for="phone">Phone</label>
                        <input type="tel" id="phone" name="phone" placeholder="0601234567">
                    </div>
                    <div id="form-group1">
                        <p>Would you like a consultation or reservation?</p><br>
                        <label for="cb1">Consultation</label>
                        <input type="checkbox" id="cb1" name="cb1" value="consultation">
                        <label for="cb2">Reservation</label>
                        <input type="checkbox" id="cb2" name="cb2" value="reservation"><br>
                    </div>
                    <button type="submit" class="cta-button" style="width: 100%;">Send Message</button>
                </form>
            </div>
```

```html
<!-- Contact Info -->
<div class="contact-info">
    <h3>Contact Information</h3>

    <a href="https://mail.google.com/mail/u/0/#inbox?compose=GTvVlcSDbthqpLSnDHVPqVCfBcZcCGKCckFdqtLtBChqnpdwCLTLVMCLsGsBRPKbnQdhZVzftFgCM" target="_blank" class="contact-item">
        <div class="contact-icon">✉</div>
        <div class="contact-details">
            <h4>Email Address</h4>
            <p>lcsupport@gmail.com</p>
        </div>
    </a>

    <a href="tel:+381-60-123-4567" class="contact-item">
        <div class="contact-icon">📞</div>
        <div class="contact-details">
            <h4>Phone Number</h4>
            <p>0601234567</p>
        </div>
    </a>

    <a href="https://maps.google.com/?q=ICT+College" target="_blank" rel="noopener" class="contact-item">
        <div class="contact-icon">📍</div>
        <div class="contact-details">
            <h4>Our Location</h4>
            <p>Zdravka Čelara 16<br>Belgrade, Serbia</p>
        </div>
    </a>

    <div class="contact-item">
        <div class="contact-icon">🕐</div>
        <div class="contact-details">
            <h4>Business Hours</h4>
            <p>Monday - Friday: 9:00 AM - 5:00 PM<br>Weekend: Emergency support only</p>
```

Html kod (Autor.html)

```html
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <meta name="keywords" content="LogicCore, Web Development, Data Analytics"/>
        <meta name="description" content="Welcome to LogicCore - Your Data Analytics Platform with real-time insights and intelligent predictions."/>
        <link rel="icon" href="assets/img/logoweb.ico" type="imag/x-icon"/>
        <title>LogicCore</title>
        <link rel="stylesheet" href="assets/css/templatemo-graph-page.css">
    </head>
```

```html
<body>
    <nav id="navbar">
        <div class="nav-container">
            <a href="index.html" class="logo">
                <div class="logo-icon">
                    <svg viewBox="0 0 24 24">
                        <path d="M3 13h2v8H3zm4-8h2v13H7zm4-2h2v15h-2zm4 4h2v11h-2zm4-2h2v13h-2z"/>
                    </svg>
                </div>
                <span class="logo-text">LogicCore</span>
            </a>
            <ul class="nav-links">
                <li><a href="index.html#home">Home</a></li>
                <li><a href="index.html#dashboard">Dashboard</a></li>
                <li><a href="index.html#reports">Reports</a></li>
                <li><a href="index.html#contact">Contact</a></li>
                <li><a href="author.html" class="active">Author</a></li>
                <li><a href="assets/zip/LogicCore.zip">ZIP</a></li>
            </ul>

            <div class="hamburger" id="hamburger">
                <span></span>
                <span></span>
                <span></span>
            </div>
        </div>
        <ul class="nav-links-mobile" id="navLinksMobile">
            <li><a href="index.html#home" class="active">Home</a></li>
            <li><a href="index.html#dashboard">Dashboard</a></li>
            <li><a href="index.html#reports">Reports</a></li>
            <li><a href="index.html#contact">Contact</a></li>
            <li><a href="author.html">Author</a></li>
        </ul>
    </nav>
```

```html
    <section id="author" class="author-section">
        <div class="frame">
            <img src="assets/img/profile.jpg" alt="profilna slika">
        </div>
        <div class="frame">
            <p><span>Nemanja Borjan 119/23 IT</span> <br> Currently studying at ICT College, Internet Tehnologies module Web Development</p>
        </div>
    </section>

    <footer>
        <div class="footer-content">
            <p><a href="rss.xml">RSS</a></p>
            <p><a href="sitemap.xml">Sitemap</a></p>
            <p class="copyright">© 2026 Graph Page. All rights reserved. Transforming data into insights.
            | Designed by <a href="https://templatemo.com/tm-602-graph-page" rel="nofollow noopener" target="_blank">TemplateMo</a></p>
            <p><a href="assets/docs/dokumentacija.pdf" target="_blank">Dokumentacija</a></p>
        </div>
    </footer>

    <script src="assets/js/templatemo-graph-script.js"></script>
</body>
</html>
```

CSS kod

```css
/* CSS Document

TemplateMo 602 Graph Page

https://templatemo.com/tm-602-graph-page

*/

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    scroll-behavior: smooth;
}

body {
    font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, Oxygen, Ubuntu, Cantarell, sans-serif;
    background: #0a0e27;
    color: #ffffff;
    overflow-x: hidden;
}

/* Author */
#author {
    margin: 8% auto;
    width: 80%;
    height: 600px;
    display: flex;
    justify-content: space-evenly;
    align-items: center;
}
#author .frame {
    width: 45%;
    margin: 5%;
}
#author .frame img {
    width: 25rem;
    height: 500px;
    border-radius: 5%;
    border: 2px solid #00ffcc;
}
#author .frame p {
    font-size: 24px;
    padding: 25px;
    background: rgba(255, 255, 255, 0.05);
    border-radius: 20px;
    border: 2px solid #00ffcc;
}
```

```css
#author .frame img:hover {
    background: □rgba(255, 255, 255, 0.1);
    border-color: ■#00ccff;
    color: ■#00ccff;
    transition: all 0.3s ease;
}

#author .frame p:hover {
    background: □rgba(255, 255, 255, 0.1);
    border-color: ■#00ccff;
    transition: all 0.3s ease;
}

#author .frame p span {
    color: ■#00ffcc;
    font-weight: 700;
}

/* Navigation */
nav {
    position: fixed;
    top: 0;
    width: 100%;
    padding: 20px 50px;
    background: □rgba(10, 14, 39, 0.95);
    backdrop-filter: blur(10px);
    border-bottom: 1px solid □rgba(255, 255, 255, 0.1);
    z-index: 1000;
    transition: all 0.3s ease;
}

nav.scrolled {
    padding: 15px 50px;
    background: □rgba(10, 14, 39, 0.98);
}

.nav-container {
    display: flex;
    justify-content: space-between;
    align-items: center;
    max-width: 1400px;
    margin: 0 auto;
}

.logo {
    display: flex;
    align-items: center;
```

```css
    gap: 15px;
    cursor: pointer;
    text-decoration: none;
}

.logo-icon {
    width: 40px;
    height: 40px;
    background: linear-gradient(135deg, #00ffcc 0%, #00ccff 100%);
    border-radius: 10px;
    display: flex;
    align-items: center;
    justify-content: center;
    position: relative;
    box-shadow: 0 0 20px rgba(0, 255, 204, 0.3);
}

.logo-icon svg {
    width: 24px;
    height: 24px;
    fill: #0a0e27;
}

.logo-text {
    font-size: 20px;
    font-weight: 700;
    background: linear-gradient(135deg, #ffffff 0%, #00ffcc 100%);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
    background-clip: text;
}

.nav-links {
    display: flex;
    gap: 40px;
    list-style: none;
}

.nav-links a {
    color: #ffffff;
    text-decoration: none;
    font-size: 16px;
    transition: color 0.3s ease;
    position: relative;
}

.nav-links a::before {
    content: '';
```

```css
        content: '';
        position: absolute;
        bottom: -8px;
        left: 50%;
        width: 0;
        height: 3px;
        background: linear-gradient(90deg, #00ffcc, #00ccff);
        transition: all 0.3s ease;
        transform: translateX(-50%);
        border-radius: 2px;
}

.nav-links a:hover {
        color: #00ccff;
        text-shadow: 0 0 10px rgba(0, 255, 204, 0.5);
}

.nav-links a:hover::before {
        width: 100%;
}

.nav-links a.active::after {
        content: '';
        position: absolute;
        bottom: -8px;
        left: 50%;
        width: 100%;
        height: 3px;
        background: linear-gradient(90deg, #00ffcc, #00ccff);
        transform: translateX(-50%);
        box-shadow: 0 0 15px rgba(0, 255, 204, 0.6);
        border-radius: 2px;
}

.search-icon {
        width: 24px;
        height: 24px;
        cursor: pointer;
        transition: transform 0.3s ease;
        fill: white;
}

.search-icon:hover {
        transform: scale(1.1);
}

/* Hero Section */
.hero {
```

```css
hero {
    position: relative;
    min-height: 100vh;
    display: flex;
    align-items: center;
    overflow: hidden;
    background: linear-gradient(135deg, #0a0e27 0%, #1a1f3a 100%);
}

hero-bg {
    position: absolute;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    opacity: 0.4;
    background-image:
        linear-gradient(45deg, transparent 30%, rgba(0, 255, 204, 0.1) 50%, transparent 70%),
        linear-gradient(-45deg, transparent 30%, rgba(255, 0, 128, 0.1) 50%, transparent 70%);
    animation: bgShift 20s ease-in-out infinite;
}

keyframes bgShift {

    0%,
    100% {
        transform: translate(0, 0);
    }

    50% {
        transform: translate(-20px, -20px);
    }
}

geometric-shapes {
    position: absolute;
    width: 100%;
    height: 100%;
    overflow: hidden;
}

shape {
    position: absolute;
    border: 2px solid rgba(0, 255, 204, 0.3);
}

shape1 {
    width: 300px;
```

```css
    height: 300px;
    top: 10%;
    left: -150px;
    transform: rotate(45deg);
    animation: float 15s ease-in-out infinite;
}

.shape2 {
    width: 200px;
    height: 200px;
    top: 60%;
    right: -100px;
    border-color: rgba(255, 0, 128, 0.3);
    animation: float 20s ease-in-out infinite reverse;
}

.shape3 {
    width: 150px;
    height: 150px;
    bottom: 20%;
    left: 10%;
    border-color: rgba(0, 204, 255, 0.3);
    transform: rotate(30deg);
    animation: float 18s ease-in-out infinite;
}

.shape4 {
    width: 250px;
    height: 250px;
    top: 15%;
    right: 5%;
    border-color: rgba(255, 0, 128, 0.25);
    transform: rotate(45deg);
    animation: float 16s ease-in-out infinite;
}

.shape5 {
    width: 180px;
    height: 180px;
    top: 55%;
    right: 12%;
    border-color: rgba(0, 255, 204, 0.25);
    transform: rotate(-30deg);
    animation: float 22s ease-in-out infinite reverse;
}

.shape6 {
    width: 120px;
```

```css
.hero-content {
    position: relative;
    z-index: 10;
    max-width: 1400px;
    margin: 0 auto;
    padding: 0 50px;
    display: grid;
    grid-template-columns: 1fr 1fr;
    gap: 60px;
    align-items: center;
}

.hero-text {
    animation: slideInLeft 1s ease-out;
}

@keyframes slideInLeft {
    from {
        opacity: 0;
        transform: translateX(-50px);
    }

    to {
        opacity: 1;
        transform: translateX(0);
    }
}

.hero-text h1 {
    font-size: 64px;
    font-weight: 700;
    line-height: 1.1;
    margin-bottom: 30px;
    background: linear-gradient(135deg, #ffffff 0%, #00ffcc 100%);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
    background-clip: text;
}

.hero-text p {
    font-size: 18px;
    line-height: 1.6;
    color: #a0a0a0;
    margin-bottom: 40px;
    max-width: 500px;
}
```

```css
.city-container {
    position: relative;
    width: 100%;
    height: 400px;
    perspective: 1000px;
}

.building {
    position: absolute;
    background: linear-gradient(180deg, ☐#1a1f3a 0%, ☐#0a0e27 100%);
    border: 1px solid ☐rgba(0, 255, 204, 0.2);
    box-shadow:
        0 0 20px ☐rgba(0, 255, 204, 0.1),
        inset 0 0 20px ☐rgba(0, 255, 204, 0.05);
    overflow: hidden;
}

/* Building fill effect */
.building-fill {
    position: absolute;
    bottom: 0;
    left: 0;
    right: 0;
    animation: pulse 3s ease-in-out infinite;
}

.building1 {
    width: 60px;
    height: 250px;
    bottom: 0;
    left: 20%;
}

.building1 .building-fill {
    height: 45%;
    background: linear-gradient(180deg, transparent 0%, ☐rgba(0, 255, 204, 0.6) 100%);
}

.building2 {
    width: 80px;
    height: 320px;
    bottom: 0;
    left: 35%;
}

.building2 .building-fill {
    height: 60%;
```

```css
/* Building windows */
.building-windows {
    position: absolute;
    top: 0;
    left: 0;
    right: 0;
    height: 100%;
    background: repeating-linear-gradient(0deg,
        transparent,
        transparent 8px,
        ☐rgba(255, 255, 255, 0.05) 8px,
        ☐rgba(255, 255, 255, 0.05) 10px);
    opacity: 0.8;
}

.neon-line {
    position: absolute;
    height: 2px;
    background: linear-gradient(90deg, transparent, ☐#00ffcc, transparent);
    animation: scan 3s linear infinite;
}

.neon-line1 {
    width: 100px;
    top: 30%;
    left: 10%;
}

.neon-line2 {
    width: 150px;
    top: 50%;
    right: 15%;
    animation-delay: 1s;
}

@keyframes scan {
    0% {
        transform: translateX(-100%);
        opacity: 0;
    }

    50% {
        opacity: 1;
    }

    100% {
        transform: translateX(200%);
        opacity: 0;
    }
}
```

```css
/* Dashboard Section */
.dashboard-section {
    padding: 80px 50px;
    background: linear-gradient(180deg, #0a0e27 0%, #0f1329 100%);
}

.dashboard-container {
    max-width: 1400px;
    margin: 0 auto;
}

.section-title {
    font-size: 36px;
    margin-bottom: 40px;
    text-align: center;
    background: linear-gradient(135deg, #ffffff 0%, #00ffcc 100%);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
    background-clip: text;
}

/* Stats Cards */
.stats-grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));
    gap: 30px;
    margin-bottom: 60px;
}

.stat-card {
    background: rgba(255, 255, 255, 0.03);
    border: 1px solid rgba(255, 255, 255, 0.1);
    border-radius: 20px;
    padding: 30px;
    position: relative;
    overflow: hidden;
    transition: all 0.3s ease;
}

.stat-card:hover {
    transform: translateY(-5px);
    background: rgba(255, 255, 255, 0.05);
    border-color: rgba(0, 255, 204, 0.3);
}

.stat-card::before {
    content: '';
```

```css
.stat-value {
    font-size: 32px;
    font-weight: 700;
    margin-bottom: 10px;
    background: linear-gradient(135deg, #ffffff 0%, #00ffcc 100%);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
    background-clip: text;
}

.stat-description {
    font-size: 13px;
    color: #707070;
    line-height: 1.5;
}

.stat-chart {
    margin-top: 20px;
    height: 60px;
    position: relative;
}

.mini-chart {
    width: 100%;
    height: 100%;
}

/* Analytics Section */
.analytics-section {
    padding: 80px 50px;
    background: linear-gradient(180deg, #0f1329 0%, #1a1f3a 100%);
}

/* Chart Cards */
.charts-grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(500px, 1fr));
    gap: 30px;
    margin-bottom: 60px;
}

.chart-card {
    background: rgba(255, 255, 255, 0.03);
    border: 1px solid rgba(255, 255, 255, 0.1);
    border-radius: 20px;
    padding: 30px;
```

```css
/* Line Chart */
.line-chart {
    position: relative;
    width: 100%;
    height: 100%;
}

.line-chart-svg {
    width: 100%;
    height: 100%;
}

.chart-grid-line {
    stroke: □rgba(255, 255, 255, 0.05);
    stroke-width: 1;
}

.chart-line {
    fill: none;
    stroke: ■#00ffcc;
    stroke-width: 2;
    filter: drop-shadow(0 0 10px ■rgba(0, 255, 204, 0.5));
}

.chart-area {
    fill: url(#gradient);
    opacity: 0.3;
}

.chart-dot {
    fill: ■#00ffcc;
    stroke: □#0a0e27;
    stroke-width: 2;
    r: 4;
    cursor: pointer;
    transition: all 0.3s ease;
}

.chart-dot:hover {
    r: 6;
    filter: drop-shadow(0 0 15px ■rgba(0, 255, 204, 0.8));
}

/* Metrics Grid */
.metrics-grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));
    gap: 20px;
}
```

```css
.reports-section {
    padding: 80px 50px;
    background:
        linear-gradient(135deg, #1a0033 0%, #2d1b69 50%, #0f1329 100%),
        linear-gradient(90deg, transparent 49%, rgba(0, 255, 204, 0.05) 50%, transparent 51%),
        linear-gradient(0deg, transparent 49%, rgba(0, 255, 204, 0.05) 50%, transparent 51%);
    background-size: 100% 100%, 40px 40px, 40px 40px;
    position: relative;
}

.reports-section::before {
    content: '';
    position: absolute;
    top: 0;
    left: 0;
    right: 0;
    bottom: 0;
    background:
        radial-gradient(circle at 20% 20%, rgba(255, 0, 128, 0.1) 0%, transparent 50%),
        radial-gradient(circle at 80% 80%, rgba(0, 204, 255, 0.1) 0%, transparent 50%);
    pointer-events: none;
}

/* Info Cards Section */
.info-grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
    gap: 30px;
    margin-bottom: 60px;
}

.info-card {
    background: rgba(255, 255, 255, 0.03);
    border: 1px solid rgba(255, 255, 255, 0.1);
    border-radius: 20px;
    padding: 25px;
    text-align: center;
    transition: all 0.3s ease;
    position: relative;
    overflow: hidden;
}

.info-card p {
    font-size: 14px;
    color: #707070;

}
```

```css
.info-icon {
    width: 60px;
    height: 60px;
    margin: 0 auto 20px;
    background: linear-gradient(135deg, #00ffcc 0%, #00ccff 100%);
    border-radius: 15px;
    display: flex;
    align-items: center;
    justify-content: center;
    font-size: 24px;
}

.info-title {
    font-size: 18px;
    font-weight: 600;
    margin-bottom: 10px;
}

.info-value {
    font-size: 28px;
    font-weight: 700;
    color: #00ffcc;
    margin-bottom: 10px;
}

/* Contact Section */
.contact-section {
    padding: 80px 50px;
    background: linear-gradient(180deg, #0f1329 0%, #0a0e27 100%);
}

.contact-grid {
    display: grid;
    grid-template-columns: 1fr 1fr;
    gap: 60px;
    max-width: 1200px;
    margin: 0 auto;
    align-items: start;
}

.contact-form {
    background: rgba(255, 255, 255, 0.03);
    border: 1px solid rgba(255, 255, 255, 0.1);
    border-radius: 20px;
    padding: 40px;
}

.contact-form h3 {
```

```css
.contact-section {
    padding: 80px 50px;
    background: linear-gradient(180deg, #0f1329 0%, #0a0e27 100%);
}

.contact-grid {
    display: grid;
    grid-template-columns: 1fr 1fr;
    gap: 60px;
    max-width: 1200px;
    margin: 0 auto;
    align-items: start;
}

.contact-form {
    background: rgba(255, 255, 255, 0.03);
    border: 1px solid rgba(255, 255, 255, 0.1);
    border-radius: 20px;
    padding: 40px;
}

.contact-form h3 {
    font-size: 24px;
    margin-bottom: 30px;
}

.form-group {
    margin-bottom: 25px;
}

.form-group label {
    display: block;
    margin-bottom: 8px;
    font-size: 18px;
    color: #a0a0a0;
    font-weight: 500;
}

.form-group input{
    width: 100%;
    padding: 15px 20px;
    background: rgba(255, 255, 255, 0.05);
    border: 1px solid rgba(255, 255, 255, 0.1);
    border-radius: 10px;
    color: #ffffff;
    font-size: 16px;
    transition: all 0.3s ease;
    font-family: inherit;
```

```css
.form-group input:focus{
    outline: none;
    border-color: rgba(0, 255, 204, 0.5);
    background: rgba(255, 255, 255, 0.08);
    box-shadow: 0 0 20px rgba(0, 255, 204, 0.1);
}

#form-group1 label {
    padding: 0 10%;
    font-size: 16px;
    color: #a0a0a0;
    font-weight: 500;
}
#form-group1 input[type="checkbox"] {
    margin-bottom: 30px;
}


.contact-info {
    padding: 20px 0;
}

.contact-info h3 {
    font-size: 24px;
    margin-bottom: 30px;
    background: linear-gradient(135deg, #ffffff 0%, #00ffcc 100%);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
    background-clip: text;
}

.contact-item {
    display: flex;
    align-items: center;
    gap: 20px;
    margin-bottom: 30px;
    padding: 20px;
    background: rgba(255, 255, 255, 0.03);
    border: 1px solid rgba(255, 255, 255, 0.1);
    border-radius: 15px;
    transition: all 0.3s ease;
    cursor: pointer;
}
.contact-info .contact-item {
    text-decoration: none;
    color: inherit;
}
```

```css
.contact-icon {
    width: 50px;
    height: 50px;
    background: linear-gradient(135deg, #00ffcc, #00ccff);
    border-radius: 12px;
    display: flex;
    align-items: center;
    justify-content: center;
    font-size: 20px;
    flex-shrink: 0;
}

.contact-details h4 {
    font-size: 16px;
    margin-bottom: 5px;
    color: #ffffff;
}

.contact-details p {
    font-size: 16px;
    color: #a0a0a0;
    line-height: 1.4;
}

/* Footer */
footer {
    padding: 20px 50px;
    background: #0a0e27;
    border-top: 1px solid rgba(255, 255, 255, 0.1);
    text-align: center;
}
footer p {
    font-size: 18px;
    padding: 5px 0;
}

footer p a {
    color: #00ccff;
    text-decoration: none;
}

.copyright {
    font-size: 14px;
    color: #707070;
}
```

```css
/* Mobile Menu */
.hamburger {
    display: none;
    flex-direction: column;
    cursor: pointer;
    gap: 6px;
    z-index: 1001;
}

.hamburger span {
    width: 25px;
    height: 3px;
    background: #ffffff;
    border-radius: 2px;
    transition: all 0.3s ease;
}

.hamburger.active span:nth-child(1) {
    transform: rotate(45deg) translate(10px, 10px);
}

.hamburger.active span:nth-child(2) {
    opacity: 0;
}

.hamburger.active span:nth-child(3) {
    transform: rotate(-45deg) translate(8px, -8px);
}

.nav-links-mobile {
    display: none;
    position: fixed;
    top: 70px;
    left: 0;
    width: 100%;
    background: rgba(10, 14, 39, 0.98);
    backdrop-filter: blur(10px);
    border-bottom: 1px solid rgba(255, 255, 255, 0.1);
    flex-direction: column;
    gap: 0;
    list-style: none;
    z-index: 1000;
    padding: 20px;
}

.nav-links-mobile.active {
    display: flex;
}
```

```css
.nav-links-mobile.active {
    display: flex;
}

.nav-links-mobile a {
    color: #ffffff;
    text-decoration: none;
    padding: 15px 20px;
    display: block;
    border-left: 3px solid transparent;
    transition: all 0.3s ease;
}

.nav-links-mobile a:hover {
    border-left-color: #ff6b6b;
    background: rgba(255, 107, 107, 0.1);
    color: #ff8e53;
}

.nav-links-mobile a.active {
    border-left-color: #00ffcc;
    background: rgba(0, 255, 204, 0.1);
    color: #00ffcc;
}

@media (max-width: 1200px) {
    .charts-grid {
        grid-template-columns: 1fr;
    }
}
```

```css
@media (max-width: 968px) {
    .hero-content {
        grid-template-columns: 1fr;
        text-align: center;
    }

    .hero-text h1 {
        font-size: 48px;
    }

    .hero-text {
        padding-top: 160px;
    }

    #author {
        width: 80%;
        height: 600px;
    }

    #author .frame img {
        width: 100%;
        height: 350px;
    }

    #author .frame p {
        font-size: 20px;
    }


}

@media (max-width: 768px) {
    nav {
        padding: 15px 20px;
    }

    .hamburger {
        display: flex;
    }

    .nav-links {
        display: none;
```

```css
@media (max-width: 768px) {
    nav {
        padding: 15px 20px;
    }

    .hamburger {
        display: flex;
    }

    .nav-links {
        display: none;
    }

    .hero-text h1 {
        font-size: 36px;
    }

    .hero-text {
        padding-top: 120px;
    }

    .dashboard-section,
    .analytics-section,
    .reports-section,
    .contact-section {
        padding: 40px 20px;
    }

    .stats-grid {
        grid-template-columns: 1fr;
    }

    .contact-grid {
        grid-template-columns: 1fr;
        gap: 40px;
    }

    #author {
        width: 90%;
        height: 600px;
        display: flex;
        flex-direction: column;
        justify-content: center;
        align-items: center;
        padding-top: 10%;
    }
}
```

Ručno pisan JavaScript kod

```javascript
// JavaScript za dinamicko ispisvanje i obradu sadrzaja
var statsNiz = [
  {
    ikonica: "📊",
    naslov: "Total Revenue",
    vrednost: "$142,847",
    opis: "Monthly revenue increased by 23% compared to last month with strong performance across all channels.",
    graf: "miniChart1"
  },
  {
    ikonica: "🟢",
    naslov: "Active Users",
    vrednost: "58.5K",
    opis: "Real-time analytics showing active users currently engaging with the platform.",
    graf: "miniChart2"
  },
  {
    ikonica: "🎯",
    naslov: "Conversion Rate",
    vrednost: "94.3%",
    opis: "Customer satisfaction rate based on recent surveys and feedback analysis.",
    graf: "miniChart3"
  },
  {
    ikonica: "🚀",
    naslov: "Performance Score",
    vrednost: "9,392",
    opis: "Overall system performance metrics showing optimal operation across all services.",
    graf: "miniChart4"
  },
  {
    ikonica: "🏅",
    naslov: "Monthly Growth",
    vrednost: "+28.5%",
    opis: "Consistent month-over-month growth in user acquisition and revenue generation.",
    graf: "miniChart5"
  },
  {
    ikonica: "⚡",
    naslov: "System Uptime",
    vrednost: "99.9%",
    opis: "Exceptional reliability with minimal downtime ensuring seamless user experience.",
    graf: "miniChart6"
  },
  {
    ikonica: "👥",
    naslov: "Total Users",
    vrednost: "5M+",
    opis: "Trusted by over 5 million users worldwide, demonstrating widespread adoption and satisfaction.",
```

```javascript
    {
        ikonica: "👥",
        naslov: "Total Users",
        vrednost: "5M+",
        opis: "Trusted by over 5 million users worldwide, demonstrating widespread adoption and satisfaction.",
        graf: "miniChart7"
    },
    {
        ikonica: "🧠",
        naslov: "Artificial Intelligence",
        vrednost: "30%",
        opis: "Currently 30% of our analytics are powered by AI-driven insights, with plans to increase this significantly in the coming year.
        graf: "miniChart8"
    }
];

var statsGrid = document.getElementById("statsGrid");

for (let i = 0; i < statsNiz.length; i++) {
    var kartica = document.createElement("div");
    kartica.className = "stat-card";
    kartica.innerHTML =
        `<div class="stat-header">
            <div class="stat-icon"></div>
            <div class="stat-title"></div>
        </div>
        <div class="stat-value"></div>
        <div class="stat-description"></div>
        <div class="stat-chart">
            <canvas class="mini-chart" id="${statsNiz[i].graf}"></canvas>
        </div>`;

    kartica.querySelector(".stat-icon").textContent = statsNiz[i].ikonica;
    kartica.querySelector(".stat-title").textContent = statsNiz[i].naslov;
    kartica.querySelector(".stat-value").textContent = statsNiz[i].vrednost;
    kartica.querySelector(".stat-description").textContent = statsNiz[i].opis;
    statsGrid.appendChild(kartica);
```

```javascript
// JavaScript za dinamicko kreiranje
var reportsNiz = [
    {
        ikonica1: "💼",
        titula1: "Business Intelligence",
        vrednost1: "98.5%",
        opis1: "Accuracy in predictive analytics and business forecasting models."
    },
    {
        ikonica1: "📱",
        titula1: "Mobile Analytics",
        vrednost1: "2.4M",
        opis1: "Mobile app downloads and active user engagement metrics."
    },
    {
        ikonica1: "🌐",
        titula1: "Global Reach",
        vrednost1: "150+",
        opis1: "Countries actively using our analytics platform worldwide."
    },
    {
        ikonica1: "🚀",
        titula1: "Performance Index",
        vrednost1: "847",
        opis1: "Comprehensive performance scoring across all platform metrics."
    },
    {
        ikonica1: "⚡",
        titula1: "Response Time",
        vrednost1: "0.2s",
        opis1: "Average API response time ensuring optimal user experience."
    },
    {
        ikonica1: "📊",
        titula1: "Data Processing",
        vrednost1: "12TB",
        opis1: "Daily data volume processed through our analytics pipeline."
    },
    {
        ikonica1: "🔒",
        titula1: "Data Security",
        vrednost1: "100%",
        opis1: "Ensuring all data is encrypted and protected against unauthorized access."
    },
```

```javascript
    {
        ikonica1: "🖥",
        titula1: "Our Team",
        vrednost1: "150+",
        opis1: "Our dedicated team contains over 150 experts in data science, engineering, and analytics."
    },
    {
        ikonica1: "💡",
        titula1: "Innovations",
        vrednost1: "75+",
        opis1: "Successful AI-driven solutions implemented across various industries."
    },
    {
        ikonica1: "☁",
        titula1: "Cloud Integration",
        vrednost1: "24/7",
        opis1: "Continuous availability of cloud-based services and infrastructure."
    }
;

var infoGrid = document.getElementById("infoGrid");

for (let j = 0; j < reportsNiz.length; j++) {

    var kartica1 = document.createElement("div");
    kartica1.className = "info-card";
    kartica1.innerHTML =
        `<div class="info-icon">${reportsNiz[j].ikonica1}</div>
        <h3 class="info-title">${reportsNiz[j].titula1}</h3>
        <div class="info-value">${reportsNiz[j].vrednost1}</div>
        <p>${reportsNiz[j].opis1}</p>`;
    infoGrid.appendChild(kartica1);
```

Java Script za proveru forme

```javascript
// JavaScript kod za validaciju forme
document.getElementById("contactForm").addEventListener("submit", function (e) {

    e.preventDefault();

    var ime = document.getElementById("name");
    var email = document.getElementById("email");
    var tel = document.getElementById("phone");
    var cb1 = document.getElementById("cb1");
    var cb2 = document.getElementById("cb2");

    removeErrors();

    let isValid = true;

    var imeRegex = /^[A-Za-zŠšĐđŽžČčĆć\s]{4,30}$/;
    if (!imeRegex.test(ime.value.trim())) {
        showError(ime, "Name must not contain numbers or special characters");
        isValid = false;
    }

    var emailRegex = /^[a-zA-Z0-9._%+-]+@gmail\.com|[a-zA-Z0-9._%+-]+@yahoo\.com$/;
    if (!emailRegex.test(email.value.trim())) {
        showError(email, "Email must be in the format example@gmail.com/@yahoo.com");
        isValid = false;
    }

    var telRegex = /^(\+3816\d{7,9}|06\d{7,9})$/;
    if (!telRegex.test(tel.value.trim())) {
        showError(tel, "Phone must be in the format 06XXXXXXXX or +3816XXXXXXXX");
        isValid = false;
    }

    if (!cb1.checked && !cb2.checked) {
        showError(cb2, "Please select either a consultation or reservation.");
        isValid = false;
    }

    // Validacija forme
    if (isValid) {
    const form = document.getElementById("contactForm");
    const button = form.querySelector(".cta-button");

    setTimeout(() => {
        button.classList.add("success");
        button.textContent = "Success";
    }, 800);
    setTimeout(() => {
```

```javascript
    setTimeout(() => {
        button.classList.add("success");
        button.textContent = "Success";
    }, 800);
    setTimeout(() => {
        form.reset();
        button.classList.remove("success");
        button.textContent = "Send Message";
    }, 2000);
}

});

// Funkcija za prikaz greške

function showError(input, message) {
    const error = document.createElement("medium");
    error.className = "error-message";
    error.style.color = "#00ccff";
    error.textContent = message;

    input.parentElement.appendChild(error);
}

function removeErrors() {
    const errors = document.querySelectorAll(".error-message");
    errors.forEach(error => error.remove());
}
```

```javascript
// Hamburger menu toggle
const hamburger = document.getElementById('hamburger');
const navLinksMobile = document.getElementById('navLinksMobile');
const mobileLinks = navLinksMobile.querySelectorAll('a');

hamburger.addEventListener('click', function () {
    hamburger.classList.toggle('active');
    navLinksMobile.classList.toggle('active');
});

// Close mobile menu when a link is clicked
mobileLinks.forEach(link => {
    link.addEventListener('click', function () {
        hamburger.classList.remove('active');
        navLinksMobile.classList.remove('active');
    });
});

// Close mobile menu when scrolling
window.addEventListener('scroll', function () {
    hamburger.classList.remove('active');
    navLinksMobile.classList.remove('active');
});

// Navbar scroll effect
window.addEventListener('scroll', function () {
    const navbar = document.getElementById('navbar');
    if (window.scrollY > 50) {
        navbar.classList.add('scrolled');
    } else {
        navbar.classList.remove('scrolled');
    }
});

// Active navigation highlighting
const sections = document.querySelectorAll('section[id]');
const navLinks = document.querySelectorAll('.nav-links a');
const mobileNavLinks = document.querySelectorAll('.nav-links-mobile a');

function updateActiveNav() {
    const scrollY = window.pageYOffset;

    sections.forEach(section => {
        const sectionHeight = section.offsetHeight;
        const sectionTop = section.offsetTop - 100;
        const sectionId = section.getAttribute('id');

        if (scrollY > sectionTop && scrollY <= sectionTop + sectionHeight) {
            navLinks.forEach(link => {
```

```javascript
                if (link.getAttribute('href') === `#${sectionId}`) {
                    link.classList.add('active');
                }
            });

            mobileNavLinks.forEach(link => {
                link.classList.remove('active');
                if (link.getAttribute('href') === `#${sectionId}`) {
                    link.classList.add('active');
                }
            });
        }
    });
}

window.addEventListener('scroll', updateActiveNav);

// Smooth scrolling
document.querySelectorAll('a[href^="#"]').forEach(anchor => {
    anchor.addEventListener('click', function (e) {
        e.preventDefault();
        const target = document.querySelector(this.getAttribute('hre
        if (target) {
            target.scrollIntoView({
                behavior: 'smooth',
                block: 'start'
            });
        }
    });
});

// Mini charts animation
function drawMiniChart(canvasId, color) {
    const canvas = document.getElementById(canvasId);
    if (!canvas) return;

    const ctx = canvas.getContext('2d');
    canvas.width = canvas.offsetWidth;
    canvas.height = canvas.offsetHeight;

    // Generate random data points
    const points = [];
    for (let i = 0; i < 10; i++) {
        points.push(Math.random() * canvas.height);
    }
```

```javascript
    // Draw line
    ctx.beginPath();
    ctx.strokeStyle = color;
    ctx.lineWidth = 2;

    points.forEach((point, index) => {
        const x = (canvas.width / (points.length - 1)) * index;
        const y = point;

        if (index === 0) {
            ctx.moveTo(x, y);
        } else {
            ctx.lineTo(x, y);
        }
    });

    ctx.stroke();

    // Draw gradient fill
    const gradient = ctx.createLinearGradient(0, 0, 0, canvas.height);
    gradient.addColorStop(0, color + '40');
    gradient.addColorStop(1, color + '00');

    ctx.lineTo(canvas.width, canvas.height);
    ctx.lineTo(0, canvas.height);
    ctx.closePath();
    ctx.fillStyle = gradient;
    ctx.fill();
}

// Initialize mini charts
setTimeout(() => {
    drawMiniChart('miniChart1', '■#00ffcc');
    drawMiniChart('miniChart2', '■#ff0080');
    drawMiniChart('miniChart3', '■#00ccff');
    drawMiniChart('miniChart4', '■#ffcc00');
    drawMiniChart('miniChart5', '■#ff6b6b');
    drawMiniChart('miniChart6', '■#4ecdc4');
    drawMiniChart('miniChart7', '■#ff9e42');
    drawMiniChart('miniChart8', '■#8b5cf6');
}, 100);

// Animate stats on scroll
const observerOptions = {
    threshold: 0.5,
    rootMargin: '0px'
};
```

```javascript
const observer = new IntersectionObserver((entries) => {
    entries.forEach(entry => {
        if (entry.isIntersecting) {
            const bars = entry.target.querySelectorAll('.bar');
            bars.forEach((bar, index) => {
                setTimeout(() => {
                    bar.style.animation = 'slideUp 0.5s ease-out forwards';
                }, index * 100);
            });
        }
    });
}, observerOptions);

document.querySelectorAll('.bar-chart').forEach(chart => {
    observer.observe(chart);
});

// Add slide up animation
const style = document.createElement('style');
style.textContent = `
            @keyframes slideUp {
                from {
                    transform: scaleY(0);
                    transform-origin: bottom;
                }
                to {
                    transform: scaleY(1);
                    transform-origin: bottom;
                }
            }
        `;
document.head.appendChild(style);

// Chart options interaction
document.querySelectorAll('.chart-options').forEach(optionGroup => {
    const options = optionGroup.querySelectorAll('.chart-option');
    options.forEach(option => {
        option.addEventListener('click', function () {
            options.forEach(opt => opt.classList.remove('active'));
            this.classList.add('active');
        });
    });
});

// Metrics animation on scroll
const metricsObserver = new IntersectionObserver((entries) => {
```

```javascript
// Metrics animation on scroll
const metricsObserver = new IntersectionObserver((entries) => {
    entries.forEach(entry => {
        if (entry.isIntersecting) {
            const metrics = entry.target.querySelectorAll('.metric-item');
            metrics.forEach((metric, index) => {
                setTimeout(() => {
                    metric.style.transform = 'translateY(0)';
                    metric.style.opacity = '1';
                }, index * 100);
            });
        }
    });
}, {
    threshold: 0.3
});

document.querySelectorAll('.metrics-grid').forEach(grid => {
    metricsObserver.observe(grid);
});

// Initialize metrics animation state
document.querySelectorAll('.metric-item').forEach(item => {
    item.style.transform = 'translateY(20px)';
    item.style.opacity = '0';
    item.style.transition = 'all 0.5s ease';
});
```

RSS kod sajta (XML)

```xml
<?xml version="1.0" encoding="UTF-8"?>
<rss version="2.0">
<channel>
<item>
<title>Welcome to LogicCore</title>
<description>We offer you a wide range of services and solutions tailored to your needs.</description>
<link>https://nemanjaborjan.github.io/logiccore/index.html</link>
</item>
</channel>
</rss>
```

Sitemap sajta (XML)

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <url>
        <loc>https://nemanjaborjan.github.io/logiccore/index.html</loc>
        <lastmod>2025-02-24</lastmod>
        <changefreq>weekly</changefreq>
        <priority>1</priority>
    </url>
    <url>
        <loc>https://nemanjaborjan.github.io/logiccore/author.html</loc>
        <lastmod>2025-02-24</lastmod>
        <changefreq>yearly</changefreq>
        <priority>0.9</priority>
    </url>
</urlset>
```