**Site LB MONTAGENS - steel frame**

<!DOCTYPE html>

<html lang="pt-PT">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>LB Montagens | Steel Frame Premium | Portugal</title>

<meta name="description" content="LB Montagens — Construção premium em Steel Frame. Projetos residenciais e comerciais com excelência técnica e design contemporâneo em Portugal.">

<!-- Fonts -->

<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=Inter:wght@300;400;500;600;700&family=Playfair+Display:wght@400;500;600;700&display=swap" rel="stylesheet">

<style>

:root {

--color-black: #0a0a0a;

--color-white: #ffffff;

--color-gray-50: #fafafa;

--color-gray-100: #f5f5f5;

--color-gray-200: #e5e5e5;

--color-gray-300: #d4d4d4;

--color-gray-400: #a3a3a3;

--color-gray-500: #737373;

--color-gray-600: #525252;

--color-gray-700: #404040;

--color-gray-800: #262626;

--color-gray-900: #171717;

--color-primary: #1a472a;

--color-accent: #c9a96e;

--font-sans: 'Inter', -apple-system, BlinkMacSystemFont, sans-serif;

--font-serif: 'Playfair Display', Georgia, serif;

}

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

html {

scroll-behavior: smooth;

}

body {

font-family: var(--font-sans);

background: var(--color-white);

color: var(--color-black);

line-height: 1.5;

overflow-x: hidden;

}

/\* Custom Cursor \*/

body {

cursor: none;

}

.cursor {

position: fixed;

width: 20px;

height: 20px;

background: var(--color-black);

border-radius: 50%;

pointer-events: none;

z-index: 9999;

mix-blend-mode: difference;

transition: transform 0.1s ease;

}

.cursor-follower {

position: fixed;

width: 40px;

height: 40px;

border: 1px solid var(--color-gray-400);

border-radius: 50%;

pointer-events: none;

z-index: 9998;

transition: all 0.3s ease;

}

/\* Navigation \*/

nav {

position: fixed;

top: 0;

left: 0;

right: 0;

z-index: 1000;

padding: 24px 40px;

backdrop-filter: blur(20px);

background: rgba(255, 255, 255, 0.8);

border-bottom: 1px solid var(--color-gray-200);

transition: all 0.3s ease;

}

nav.scrolled {

background: rgba(255, 255, 255, 0.95);

border-bottom: 1px solid var(--color-gray-300);

}

.nav-container {

display: flex;

align-items: center;

justify-content: space-between;

max-width: 1600px;

margin: 0 auto;

}

.logo {

font-family: var(--font-serif);

font-size: 24px;

font-weight: 600;

color: var(--color-black);

text-decoration: none;

letter-spacing: -0.5px;

}

.nav-menu {

display: flex;

list-style: none;

gap: 48px;

}

.nav-menu a {

text-decoration: none;

color: var(--color-gray-600);

font-size: 14px;

font-weight: 500;

text-transform: uppercase;

letter-spacing: 1.2px;

transition: color 0.3s ease;

position: relative;

}

.nav-menu a:hover {

color: var(--color-black);

}

.nav-menu a::after {

content: '';

position: absolute;

bottom: -4px;

left: 0;

width: 0;

height: 1px;

background: var(--color-black);

transition: width 0.3s ease;

}

.nav-menu a:hover::after {

width: 100%;

}

.nav-contact {

background: var(--color-black);

color: var(--color-white);

padding: 12px 24px;

border-radius: 24px;

text-decoration: none;

font-size: 14px;

font-weight: 500;

transition: all 0.3s ease;

}

.nav-contact:hover {

background: var(--color-gray-800);

transform: translateY(-1px);

}

/\* Hero Section with Parallax \*/

.hero {

height: 100vh;

position: relative;

display: flex;

align-items: center;

overflow: hidden;

}

.hero-bg {

position: absolute;

top: 0;

left: 0;

width: 120%;

height: 120%;

background: linear-gradient(135deg, rgba(10, 10, 10, 0.4), rgba(10, 10, 10, 0.2)),

url('https://picsum.photos/1920/1080?random=1') center/cover;

background-attachment: fixed;

will-change: transform;

}

.hero-overlay {

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

background: linear-gradient(135deg, rgba(10, 10, 10, 0.7), rgba(10, 10, 10, 0.3));

z-index: 1;

}

.hero-container {

max-width: 1600px;

margin: 0 auto;

width: 100%;

padding: 0 40px;

position: relative;

z-index: 2;

}

.hero-content {

max-width: 800px;

color: var(--color-white);

}

.hero-badge {

display: inline-block;

background: rgba(255, 255, 255, 0.1);

color: rgba(255, 255, 255, 0.8);

padding: 8px 16px;

border-radius: 20px;

font-size: 12px;

font-weight: 500;

text-transform: uppercase;

letter-spacing: 1px;

margin-bottom: 32px;

backdrop-filter: blur(10px);

border: 1px solid rgba(255, 255, 255, 0.2);

opacity: 0;

animation: fadeInUp 0.8s ease 0.2s forwards;

}

.hero-title {

font-family: var(--font-serif);

font-size: clamp(64px, 8vw, 120px);

font-weight: 600;

line-height: 0.9;

letter-spacing: -3px;

margin-bottom: 32px;

opacity: 0;

animation: fadeInUp 0.8s ease 0.4s forwards;

}

.hero-subtitle {

font-size: 20px;

color: rgba(255, 255, 255, 0.9);

margin-bottom: 24px;

max-width: 600px;

opacity: 0;

animation: fadeInUp 0.8s ease 0.6s forwards;

}

.hero-description {

font-size: 16px;

color: rgba(255, 255, 255, 0.7);

line-height: 1.7;

max-width: 500px;

margin-bottom: 48px;

opacity: 0;

animation: fadeInUp 0.8s ease 0.8s forwards;

}

.hero-ctas {

display: flex;

gap: 24px;

opacity: 0;

animation: fadeInUp 0.8s ease 1s forwards;

}

.btn-primary {

background: var(--color-white);

color: var(--color-black);

padding: 16px 32px;

border-radius: 32px;

text-decoration: none;

font-size: 14px;

font-weight: 500;

transition: all 0.3s ease;

display: inline-flex;

align-items: center;

gap: 8px;

}

.btn-primary:hover {

background: var(--color-gray-200);

transform: translateY(-2px);

}

.btn-secondary {

color: var(--color-white);

padding: 16px 32px;

border: 1px solid rgba(255, 255, 255, 0.3);

border-radius: 32px;

text-decoration: none;

font-size: 14px;

font-weight: 500;

transition: all 0.3s ease;

backdrop-filter: blur(10px);

}

.btn-secondary:hover {

border-color: var(--color-white);

background: rgba(255, 255, 255, 0.1);

}

/\* Parallax Reveal Section \*/

.parallax-reveal {

height: 100vh;

position: relative;

overflow: hidden;

display: flex;

align-items: center;

justify-content: center;

}

.parallax-bg {

position: absolute;

top: -20%;

left: 0;

width: 100%;

height: 140%;

background: linear-gradient(45deg, rgba(0, 0, 0, 0.3), rgba(0, 0, 0, 0.1)),

url('https://picsum.photos/1920/1080?random=2') center/cover;

will-change: transform;

}

.parallax-content {

position: relative;

z-index: 2;

text-align: center;

color: var(--color-white);

max-width: 800px;

padding: 0 40px;

}

.parallax-overlay {

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

background: rgba(0, 0, 0, 0.5);

z-index: 1;

}

/\* Services Section \*/

.services {

padding: 160px 40px;

background: var(--color-gray-50);

position: relative;

}

.services-container {

max-width: 1600px;

margin: 0 auto;

}

.section-header {

margin-bottom: 120px;

}

.section-subtitle {

font-size: 14px;

color: var(--color-gray-500);

text-transform: uppercase;

letter-spacing: 2px;

margin-bottom: 16px;

}

.section-title {

font-family: var(--font-serif);

font-size: clamp(48px, 6vw, 80px);

font-weight: 600;

line-height: 1.1;

letter-spacing: -2px;

margin-bottom: 32px;

}

.section-description {

font-size: 18px;

color: var(--color-gray-600);

max-width: 600px;

line-height: 1.6;

}

.services-grid {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(350px, 1fr));

gap: 48px;

}

.service-item {

background: var(--color-white);

border-radius: 16px;

padding: 48px;

transition: all 0.4s ease;

border: 1px solid var(--color-gray-200);

position: relative;

overflow: hidden;

}

.service-item::before {

content: '';

position: absolute;

top: 0;

left: -100%;

width: 100%;

height: 100%;

background: linear-gradient(90deg, transparent, rgba(255,255,255,0.4), transparent);

transition: left 0.5s ease;

}

.service-item:hover::before {

left: 100%;

}

.service-item:hover {

transform: translateY(-8px);

box-shadow: 0 24px 48px rgba(0, 0, 0, 0.1);

border-color: var(--color-gray-300);

}

.service-icon {

width: 64px;

height: 64px;

background: linear-gradient(135deg, var(--color-gray-100), var(--color-gray-200));

border-radius: 16px;

display: flex;

align-items: center;

justify-content: center;

margin-bottom: 32px;

font-size: 24px;

transition: transform 0.3s ease;

}

.service-item:hover .service-icon {

transform: scale(1.1) rotate(5deg);

}

.service-title {

font-family: var(--font-serif);

font-size: 24px;

font-weight: 600;

margin-bottom: 16px;

letter-spacing: -0.5px;

}

.service-description {

color: var(--color-gray-600);

line-height: 1.6;

margin-bottom: 24px;

}

.service-features {

list-style: none;

}

.service-features li {

color: var(--color-gray-500);

font-size: 14px;

margin-bottom: 8px;

position: relative;

padding-left: 16px;

transform: translateX(-20px);

opacity: 0;

animation: slideInLeft 0.6s ease forwards;

}

.service-features li:nth-child(1) { animation-delay: 0.1s; }

.service-features li:nth-child(2) { animation-delay: 0.2s; }

.service-features li:nth-child(3) { animation-delay: 0.3s; }

.service-features li:nth-child(4) { animation-delay: 0.4s; }

.service-features li::before {

content: '—';

position: absolute;

left: 0;

color: var(--color-accent);

}

/\* Portfolio Section with Parallax Images \*/

.portfolio {

padding: 160px 40px;

background: var(--color-black);

color: var(--color-white);

position: relative;

overflow: hidden;

}

.portfolio::before {

content: '';

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

background: linear-gradient(45deg, rgba(0, 0, 0, 0.1), rgba(0, 0, 0, 0.05)),

url('https://picsum.photos/1920/1080?random=4') center/cover;

opacity: 0.15;

will-change: transform;

}

.portfolio-container {

max-width: 1600px;

margin: 0 auto;

position: relative;

z-index: 2;

}

.portfolio-grid {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(400px, 1fr));

gap: 64px;

margin-top: 120px;

}

.portfolio-item {

transition: all 0.4s ease;

position: relative;

}

.portfolio-item:hover {

transform: translateY(-8px);

}

.portfolio-image {

width: 100%;

height: 400px;

border-radius: 12px;

margin-bottom: 24px;

overflow: hidden;

position: relative;

background-size: cover;

background-position: center;

transition: transform 0.4s ease;

}

.portfolio-item:hover .portfolio-image {

transform: scale(1.05);

}

.portfolio-image::after {

content: '';

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

background: linear-gradient(45deg, rgba(0,0,0,0.3), transparent);

transition: opacity 0.3s ease;

}

.portfolio-item:hover .portfolio-image::after {

opacity: 0;

}

/\* Imagens específicas para cada projeto \*/

.portfolio-item:nth-child(1) .portfolio-image {

background: linear-gradient(45deg, rgba(0, 0, 0, 0.2), rgba(0, 0, 0, 0.05)),

url('https://picsum.photos/600/400?random=10') center/cover;

}

.portfolio-item:nth-child(2) .portfolio-image {

background: linear-gradient(45deg, rgba(0, 0, 0, 0.2), rgba(0, 0, 0, 0.05)),

url('https://picsum.photos/600/400?random=11') center/cover;

}

.portfolio-item:nth-child(3) .portfolio-image {

background: linear-gradient(45deg, rgba(0, 0, 0, 0.2), rgba(0, 0, 0, 0.05)),

url('https://picsum.photos/600/400?random=12') center/cover;

}

.portfolio-item:nth-child(4) .portfolio-image {

background: linear-gradient(45deg, rgba(0, 0, 0, 0.2), rgba(0, 0, 0, 0.05)),

url('https://picsum.photos/600/400?random=13') center/cover;

}

.portfolio-meta {

color: var(--color-gray-400);

font-size: 12px;

text-transform: uppercase;

letter-spacing: 1px;

margin-bottom: 8px;

}

.portfolio-title {

font-family: var(--font-serif);

font-size: 24px;

font-weight: 600;

margin-bottom: 8px;

letter-spacing: -0.5px;

}

.portfolio-description {

color: var(--color-gray-400);

font-size: 14px;

line-height: 1.5;

}

/\* Parallax Divider \*/

.parallax-divider {

height: 60vh;

position: relative;

overflow: hidden;

}

.parallax-divider-bg {

position: absolute;

top: -20%;

left: 0;

width: 100%;

height: 140%;

background: linear-gradient(90deg, rgba(0, 0, 0, 0.4), rgba(0, 0, 0, 0.2)),

url('https://picsum.photos/1920/1080?random=3') center/cover;

will-change: transform;

}

.parallax-divider-overlay {

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

background: rgba(0, 0, 0, 0.6);

}

.parallax-divider-content {

position: relative;

z-index: 2;

height: 100%;

display: flex;

align-items: center;

justify-content: center;

text-align: center;

color: var(--color-white);

padding: 0 40px;

}

.parallax-quote {

font-family: var(--font-serif);

font-size: clamp(32px, 4vw, 56px);

font-weight: 400;

line-height: 1.3;

max-width: 800px;

opacity: 0;

transform: translateY(40px);

transition: all 0.8s ease;

}

.parallax-quote.visible {

opacity: 1;

transform: translateY(0);

}

/\* Contact Section \*/

.contact {

padding: 160px 40px;

background: var(--color-white);

}

.contact-container {

max-width: 1600px;

margin: 0 auto;

display: grid;

grid-template-columns: 1fr 1fr;

gap: 120px;

align-items: start;

}

.contact-content h2 {

font-family: var(--font-serif);

font-size: clamp(48px, 6vw, 80px);

font-weight: 600;

line-height: 1.1;

letter-spacing: -2px;

margin-bottom: 32px;

}

.contact-description {

font-size: 18px;

color: var(--color-gray-600);

line-height: 1.6;

margin-bottom: 48px;

}

.contact-info {

space-y: 32px;

}

.contact-item {

margin-bottom: 32px;

transform: translateY(20px);

opacity: 0;

animation: fadeInUp 0.8s ease forwards;

}

.contact-item:nth-child(1) { animation-delay: 0.2s; }

.contact-item:nth-child(2) { animation-delay: 0.4s; }

.contact-item:nth-child(3) { animation-delay: 0.6s; }

.contact-item h3 {

font-size: 14px;

text-transform: uppercase;

letter-spacing: 1px;

color: var(--color-gray-500);

margin-bottom: 8px;

}

.contact-item p {

font-size: 18px;

color: var(--color-black);

}

.contact-form {

background: var(--color-gray-50);

padding: 48px;

border-radius: 16px;

border: 1px solid var(--color-gray-200);

}

.form-group {

margin-bottom: 32px;

}

.form-group label {

display: block;

font-size: 14px;

color: var(--color-gray-600);

margin-bottom: 8px;

text-transform: uppercase;

letter-spacing: 1px;

font-weight: 500;

}

.form-group input,

.form-group textarea {

width: 100%;

background: var(--color-white);

border: 1px solid var(--color-gray-300);

border-radius: 8px;

padding: 16px 20px;

color: var(--color-black);

font-size: 16px;

transition: all 0.3s ease;

font-family: var(--font-sans);

}

.form-group input:focus,

.form-group textarea:focus {

outline: none;

border-color: var(--color-black);

box-shadow: 0 0 0 3px rgba(0, 0, 0, 0.1);

}

.form-group textarea {

resize: vertical;

min-height: 120px;

}

.form-submit {

background: var(--color-black);

color: var(--color-white);

padding: 16px 32px;

border: none;

border-radius: 32px;

font-size: 14px;

font-weight: 500;

cursor: pointer;

transition: all 0.3s ease;

text-transform: uppercase;

letter-spacing: 1px;

}

.form-submit:hover {

background: var(--color-gray-800);

transform: translateY(-2px);

}

/\* Footer \*/

footer {

background: var(--color-black);

color: var(--color-gray-500);

padding: 48px 40px;

border-top: 1px solid var(--color-gray-800);

}

.footer-container {

max-width: 1600px;

margin: 0 auto;

display: flex;

justify-content: space-between;

align-items: center;

}

.footer-text {

font-size: 14px;

}

.footer-links {

display: flex;

gap: 32px;

}

.footer-links a {

color: var(--color-gray-500);

text-decoration: none;

font-size: 14px;

transition: color 0.3s ease;

}

.footer-links a:hover {

color: var(--color-white);

}

/\* Animations \*/

@keyframes fadeInUp {

from {

opacity: 0;

transform: translateY(32px);

}

to {

opacity: 1;

transform: translateY(0);

}

}

@keyframes slideInLeft {

from {

opacity: 0;

transform: translateX(-20px);

}

to {

opacity: 1;

transform: translateX(0);

}

}

.fade-in {

opacity: 0;

transform: translateY(32px);

transition: all 0.8s ease;

}

.fade-in.visible {

opacity: 1;

transform: translateY(0);

}

/\* Mobile Responsiveness \*/

@media (max-width: 768px) {

nav {

padding: 20px;

}

.nav-menu {

display: none;

}

.hero,

.services,

.portfolio,

.contact {

padding: 80px 20px;

}

.hero-bg,

.parallax-bg,

.parallax-divider-bg {

background-attachment: scroll;

}

.contact-container {

grid-template-columns: 1fr;

gap: 64px;

}

.portfolio-grid,

.services-grid {

grid-template-columns: 1fr;

gap: 32px;

}

.hero-ctas {

flex-direction: column;

align-items: flex-start;

}

.parallax-reveal,

.parallax-divider {

height: 50vh;

}

}

/\* Scroll Progress \*/

.scroll-progress {

position: fixed;

top: 0;

left: 0;

width: 100%;

height: 2px;

background: var(--color-gray-200);

z-index: 1001;

}

.scroll-progress-bar {

height: 100%;

background: var(--color-black);

width: 0%;

transition: width 0.1s ease;

}

</style>

</head>

<body>

<!-- Custom Cursor -->

<div class="cursor"></div>

<div class="cursor-follower"></div>

<!-- Scroll Progress -->

<div class="scroll-progress">

<div class="scroll-progress-bar"></div>

</div>

<!-- Navigation -->

<nav id="navigation">

<div class="nav-container">

<a href="#" class="logo">LB Montagens</a>

<ul class="nav-menu">

<li><a href="#services">Serviços</a></li>

<li><a href="#portfolio">Projetos</a></li>

<li><a href="#about">Sobre</a></li>

<li><a href="#contact">Contacto</a></li>

</ul>

<a href="#contact" class="nav-contact">Solicitar Orçamento</a>

</div>

</nav>

<!-- Hero Section with Parallax -->

<section class="hero">

<div class="hero-bg"></div>

<div class="hero-overlay"></div>

<div class="hero-container">

<div class="hero-content">

<span class="hero-badge">Steel Frame Premium</span>

<h1 class="hero-title">Construção<br>de Excelência</h1>

<p class="hero-subtitle">Projetos residenciais e comerciais com tecnologia avançada</p>

<p class="hero-description">

Especializados em construção com sistema Steel Frame, oferecemos soluções

inovadoras que combinam sustentabilidade, rapidez e qualidade superior.

</p>

<div class="hero-ctas">

<a href="#portfolio" class="btn-primary">

Ver Projetos

<span>→</span>

</a>

<a href="#contact" class="btn-secondary">Falar Connosco</a>

</div>

</div>

</div>

</section>

<!-- Parallax Reveal Section -->

<section class="parallax-reveal">

<div class="parallax-bg"></div>

<div class="parallax-overlay"></div>

<div class="parallax-content">

<h2 style="font-family: var(--font-serif); font-size: clamp(48px, 6vw, 80px); font-weight: 600; margin-bottom: 24px;">

Inovação em<br>Cada Projeto

</h2>

<p style="font-size: 20px; opacity: 0.9; max-width: 600px;">

Combinamos tecnologia de ponta com experiência tradicional para

criar estruturas que definem o futuro da construção em Portugal.

</p>

</div>

</section>

<!-- Services Section -->

<section class="services" id="services">

<div class="services-container">

<div class="section-header fade-in">

<p class="section-subtitle">O que fazemos</p>

<h2 class="section-title">Serviços<br>Especializados</h2>

<p class="section-description">

Oferecemos uma gama completa de serviços em construção Steel Frame,

desde o projeto até à entrega final.

</p>

</div>

<div class="services-grid">

<div class="service-item fade-in">

<div class="service-icon">🏗️</div>

<h3 class="service-title">Construção Residencial</h3>

<p class="service-description">

Casas familiares e empreendimentos residenciais com tecnologia

Steel Frame de última geração.

</p>

<ul class="service-features">

<li>Projetos personalizados</li>

<li>Execução rápida</li>

<li>Eficiência energética</li>

<li>Durabilidade superior</li>

</ul>

</div>

<div class="service-item fade-in">

<div class="service-icon">🏢</div>

<h3 class="service-title">Construção Comercial</h3>

<p class="service-description">

Edifícios comerciais e industriais que atendem às necessidades

específicas de cada negócio.

</p>

<ul class="service-features">

<li>Grandes vãos livres</li>

<li>Flexibilidade arquitetónica</li>

<li>Rapidez de execução</li>

<li>Custo-benefício otimizado</li>

</ul>

</div>

<div class="service-item fade-in">

<div class="service-icon">⚡</div>

<h3 class="service-title">Renovações & Ampliações</h3>

<p class="service-description">

Modernização e expansão de edificações existentes com

soluções Steel Frame integradas.

</p>

<ul class="service-features">

<li>Intervenção mínima</li>

<li>Compatibilidade estrutural</li>

<li>Rapidez de execução</li>

<li>Mínimo impacto visual</li>

</ul>

</div>

<div class="service-item fade-in">

<div class="service-icon">📐</div>

<h3 class="service-title">Projeto & Consultoria</h3>

<p class="service-description">

Desenvolvimento de projetos técnicos e consultoria especializada

em sistemas construtivos Steel Frame.

</p>

<ul class="service-features">

<li>Projeto estrutural</li>

<li>Análise de viabilidade</li>

<li>Otimização de custos</li>

<li>Acompanhamento técnico</li>

</ul>

</div>

</div>

</div>

</section>

<!-- Parallax Divider -->

<section class="parallax-divider">

<div class="parallax-divider-bg"></div>

<div class="parallax-divider-overlay"></div>

<div class="parallax-divider-content">

<blockquote class="parallax-quote">

"Construímos não apenas estruturas,<br>

mas o futuro sustentável<br>

de Portugal."

</blockquote>

</div>

</section>

<!-- Portfolio Section with Parallax Images -->

<section class="portfolio" id="portfolio">

<div class="portfolio-container">

<div class="section-header fade-in">

<p class="section-subtitle">Projetos realizados</p>

<h2 class="section-title">Portfolio<br>de Excelência</h2>

<p class="section-description">

Uma seleção dos nossos projetos mais emblemáticos que demonstram

a versatilidade e qualidade do sistema Steel Frame.

</p>

</div>

<div class="portfolio-grid">

<div class="portfolio-item fade-in">

<div class="portfolio-image"></div>

<p class="portfolio-meta">Residencial / 2024</p>

<h3 class="portfolio-title">Villa Contemporary</h3>

<p class="portfolio-description">

Moradia unifamiliar de luxo com 450m² em sistema Steel Frame

</p>

</div>

<div class="portfolio-item fade-in">

<div class="portfolio-image"></div>

<p class="portfolio-meta">Comercial / 2024</p>

<h3 class="portfolio-title">Corporate Center</h3>

<p class="portfolio-description">

Edifício comercial multi-uso com 2.400m² e tecnologia sustentável

</p>

</div>

<div class="portfolio-item fade-in">

<div class="portfolio-image"></div>

<p class="portfolio-meta">Residencial / 2023</p>

<h3 class="portfolio-title">Eco Residence</h3>

<p class="portfolio-description">

Condomínio residencial ecológico com 12 unidades habitacionais

</p>

</div>

<div class="portfolio-item fade-in">

<div class="portfolio-image"></div>

<p class="portfolio-meta">Industrial / 2023</p>

<h3 class="portfolio-title">Logistics Hub</h3>

<p class="portfolio-description">

Centro logístico industrial com 5.000m² e grandes vãos livres

</p>

</div>

</div>

</div>

</section>

<!-- Contact Section -->

<section class="contact" id="contact">

<div class="contact-container">

<div class="contact-content">

<h2>Vamos Construir<br>o Futuro Juntos</h2>

<p class="contact-description">

Pronto para dar vida ao seu projeto? Entre em contacto connosco e

descubra como podemos transformar a sua visão em realidade.

</p>

<div class="contact-info">

<div class="contact-item">

<h3>Endereço</h3>

<p>Rua das Construções, 123<br>4100-000 Porto, Portugal</p>

</div>

<div class="contact-item">

<h3>Contactos</h3>

<p>+351 220 000 000<br>geral@lbmontagens.pt</p>

</div>

<div class="contact-item">

<h3>Horário</h3>

<p>Segunda a Sexta: 9h00 - 18h00<br>Sábados: 9h00 - 13h00</p>

</div>

</div>

</div>

<form class="contact-form">

<div class="form-group">

<label for="name">Nome</label>

<input type="text" id="name" name="name" required>

</div>

<div class="form-group">

<label for="email">Email</label>

<input type="email" id="email" name="email" required>

</div>

<div class="form-group">

<label for="phone">Telefone</label>

<input type="tel" id="phone" name="phone">

</div>

<div class="form-group">

<label for="project">Tipo de Projeto</label>

<input type="text" id="project" name="project" placeholder="Residencial, Comercial, Industrial...">

</div>

<div class="form-group">

<label for="message">Mensagem</label>

<textarea id="message" name="message" required placeholder="Conte-nos sobre o seu projeto..."></textarea>

</div>

<button type="submit" class="form-submit">Enviar Mensagem</button>

</form>

</div>

</section>

<!-- Footer -->

<footer>

<div class="footer-container">

<p class="footer-text">© 2024 LB Montagens. Todos os direitos reservados.</p>

<div class="footer-links">

<a href="#">Política de Privacidade</a>

<a href="#">Termos de Serviço</a>

<a href="#">Certificações</a>

</div>

</div>

</footer>

<!-- JavaScript for Parallax and Interactions -->

<script>

// Custom Cursor

const cursor = document.querySelector('.cursor');

const cursorFollower = document.querySelector('.cursor-follower');

document.addEventListener('mousemove', (e) => {

cursor.style.left = e.clientX + 'px';

cursor.style.top = e.clientY + 'px';

setTimeout(() => {

cursorFollower.style.left = e.clientX - 20 + 'px';

cursorFollower.style.top = e.clientY - 20 + 'px';

}, 100);

});

// Fallback: Criar padrões visuais se as imagens não carregarem

const createBackgroundPattern = (element, color1, color2) => {

element.style.background = `

linear-gradient(45deg, ${color1} 25%, transparent 25%),

linear-gradient(-45deg, ${color1} 25%, transparent 25%),

linear-gradient(45deg, transparent 75%, ${color2} 75%),

linear-gradient(-45deg, transparent 75%, ${color2} 75%)

`;

element.style.backgroundSize = '30px 30px';

element.style.backgroundPosition = '0 0, 0 15px, 15px -15px, -15px 0px';

};

// Enhanced Parallax Effects with visual fallbacks

window.addEventListener('scroll', () => {

const scrolled = window.pageYOffset;

const rate = scrolled \* -0.5;

const rate2 = scrolled \* -0.3;

// Hero parallax - movimento mais pronunciado

const parallaxBg = document.querySelector('.hero-bg');

if (parallaxBg) {

parallaxBg.style.transform = `translate3d(0, ${rate}px, 0)`;

// Adicionar overlay dinâmico baseado no scroll

const opacity = Math.min(scrolled / 1000, 0.8);

parallaxBg.style.filter = `brightness(${1 - opacity \* 0.3})`;

}

// Parallax reveal - movimento suave

const parallaxReveal = document.querySelector('.parallax-bg');

if (parallaxReveal) {

const rect = parallaxReveal.parentElement.getBoundingClientRect();

if (rect.top < window.innerHeight && rect.bottom > 0) {

parallaxReveal.style.transform = `translate3d(0, ${rate2}px, 0) scale(1.1)`;

}

}

// Parallax divider - movimento mais dramático

const parallaxDivider = document.querySelector('.parallax-divider-bg');

if (parallaxDivider) {

const rect = parallaxDivider.parentElement.getBoundingClientRect();

if (rect.top < window.innerHeight && rect.bottom > 0) {

const elementScrolled = window.pageYOffset - parallaxDivider.parentElement.offsetTop;

parallaxDivider.style.transform = `translate3d(0, ${elementScrolled \* 0.6}px, 0) scale(1.05)`;

}

}

// Portfolio parallax background

const portfolio = document.querySelector('.portfolio');

if (portfolio) {

const rect = portfolio.getBoundingClientRect();

if (rect.top < window.innerHeight && rect.bottom > 0) {

const elementScrolled = window.pageYOffset - portfolio.offsetTop;

const portfolioBg = portfolio.querySelector('::before');

if (portfolioBg) {

portfolio.style.setProperty('--parallax-offset', `${elementScrolled \* 0.3}px`);

}

}

}

});

// Adicionar indicadores visuais para demonstrar o parallax

const addParallaxIndicators = () => {

const hero = document.querySelector('.hero');

const indicator = document.createElement('div');

indicator.innerHTML = '↕️ PARALLAX EFFECT';

indicator.style.cssText = `

position: absolute;

top: 50%;

right: 40px;

color: white;

background: rgba(0,0,0,0.5);

padding: 10px 15px;

border-radius: 20px;

font-size: 12px;

letter-spacing: 1px;

z-index: 10;

animation: bounce 2s infinite;

`;

hero.appendChild(indicator);

};

// Adicionar CSS para animação bounce

const style = document.createElement('style');

style.textContent = `

@keyframes bounce {

0%, 20%, 50%, 80%, 100% { transform: translateY(0); }

40% { transform: translateY(-10px); }

60% { transform: translateY(-5px); }

}

`;

document.head.appendChild(style);

// Executar quando a página carregar

window.addEventListener('load', () => {

addParallaxIndicators();

// Verificar se as imagens carregaram, se não, usar padrões

const checkImages = () => {

const bgElements = [

'.hero-bg',

'.parallax-bg',

'.parallax-divider-bg'

];

bgElements.forEach((selector, index) => {

const element = document.querySelector(selector);

if (element) {

// Simular carregamento da imagem

const img = new Image();

img.onload = () => console.log(`Image ${index + 1} loaded successfully`);

img.onerror = () => {

console.log(`Fallback pattern for ${selector}`);

createBackgroundPattern(element, '#f0f0f0', '#e0e0e0');

};

img.src = `https://picsum.photos/1920/1080?random=${index + 1}`;

}

});

};

setTimeout(checkImages, 1000);

});

// Scroll Progress Bar

window.addEventListener('scroll', () => {

const scrollProgress = document.querySelector('.scroll-progress-bar');

const scrollTop = window.pageYOffset;

const docHeight = document.body.offsetHeight - window.innerHeight;

const scrollPercent = scrollTop / docHeight;

scrollProgress.style.width = (scrollPercent \* 100) + '%';

});

// Navigation Scroll Effect

window.addEventListener('scroll', () => {

const nav = document.getElementById('navigation');

if (window.scrollY > 100) {

nav.classList.add('scrolled');

} else {

nav.classList.remove('scrolled');

}

});

// Fade In Animation on Scroll

const observerOptions = {

threshold: 0.1,

rootMargin: '0px 0px -50px 0px'

};

const observer = new IntersectionObserver((entries) => {

entries.forEach(entry => {

if (entry.isIntersecting) {

entry.target.classList.add('visible');

}

});

}, observerOptions);

// Observe all fade-in elements

document.querySelectorAll('.fade-in').forEach(el => {

observer.observe(el);

});

// Parallax Quote Animation

const quoteObserver = new IntersectionObserver((entries) => {

entries.forEach(entry => {

if (entry.isIntersecting) {

entry.target.classList.add('visible');

}

});

}, { threshold: 0.3 });

const parallaxQuote = document.querySelector('.parallax-quote');

if (parallaxQuote) {

quoteObserver.observe(parallaxQuote);

}

// Smooth scrolling for navigation links

document.querySelectorAll('a[href^="#"]').forEach(anchor => {

anchor.addEventListener('click', function (e) {

e.preventDefault();

const target = document.querySelector(this.getAttribute('href'));

if (target) {

target.scrollIntoView({

behavior: 'smooth',

block: 'start'

});

}

});

});

// Form submission handler

document.querySelector('.contact-form').addEventListener('submit', function(e) {

e.preventDefault();

// Simulate form submission

const submitBtn = this.querySelector('.form-submit');

const originalText = submitBtn.textContent;

submitBtn.textContent = 'A Enviar...';

submitBtn.disabled = true;

setTimeout(() => {

submitBtn.textContent = 'Mensagem Enviada!';

setTimeout(() => {

submitBtn.textContent = originalText;

submitBtn.disabled = false;

this.reset();

}, 2000);

}, 1500);

});

// Enhanced hover effects for service items

document.querySelectorAll('.service-item').forEach(item => {

item.addEventListener('mouseenter', function() {

this.style.transform = 'translateY(-8px) scale(1.02)';

});

item.addEventListener('mouseleave', function() {

this.style.transform = 'translateY(0) scale(1)';

});

});

// Portfolio image parallax on hover

document.querySelectorAll('.portfolio-item').forEach(item => {

const image = item.querySelector('.portfolio-image');

item.addEventListener('mousemove', function(e) {

const rect = this.getBoundingClientRect();

const x = e.clientX - rect.left;

const y = e.clientY - rect.top;

const centerX = rect.width / 2;

const centerY = rect.height / 2;

const deltaX = (x - centerX) / centerX;

const deltaY = (y - centerY) / centerY;

image.style.transform = `scale(1.1) translate(${deltaX \* 10}px, ${deltaY \* 10}px)`;

});

item.addEventListener('mouseleave', function() {

image.style.transform = 'scale(1) translate(0, 0)';

});

});

// Add loading animation

window.addEventListener('load', () => {

document.body.classList.add('loaded');

});

</script>

</body>

</html>