Preview: Updated NEXUS & SYNAPSE One-Page Sites

Below are fully assembled, copy-and-paste previews that incorporate every improvement:

1. Shared Brand Guide (`/css/brand-guide.css`)

```
/* brand-guide.css  — Cognitive Connectivity Palette & Typography */
:root{
  /* Palette */
  --nxs-primary:#1A2B4C;       /* deep cognitive blue  */
  --syn-primary:#2D1B69;       /* neural violet        */
  --cortex-accent:#00D2FF;     /* data-stream cyan     */
  --success:#10B981;
  --warning:#F59E0B;
  --bg-slate-900:#0A0E1A;
  --bg-slate-800:#151B2E;
  --txt-body:#E6E9F2;

  /* Typography */
  --font-display:'Exo 2',sans-serif;
  --font-ui:'Inter',sans-serif;
  --font-mono:'JetBrains Mono',monospace;
}
```

2. NEXUS Preview (`/nexus/index.html`)

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>NEXUS • Cognitive Oracle Network</title>
<meta name="viewport" content="width=device-width,initial-scale=1">
<link rel="stylesheet" href="/css/brand-guide.css">
<link rel="preconnect" href="https://fonts.gstatic.com">
<link href="https://fonts.googleapis.com/css2?family=Exo+2:wght@800&family=Inter:wght@40(
<style>
  body{margin:0;background:var(--bg-slate-900);color:var(--txt-body);font-family:var(--fo
  h1,h2{font-family:var(--font-display);letter-spacing:-.02em;margin:0;}
  h1{font-size:clamp(2.4rem,4vw,4rem);color:var(--cortex-accent);}
  h2{font-size:1.6rem;color:var(--nxs-primary);margin-top:3rem;}
  .hero{position:relative;padding:6rem 1.5rem 4rem;overflow:hidden;text-align:center;}
  #hero-animation{width:100%;height:420px;margin:0 auto;}
  .cta{display:inline-block;margin-top:2rem;padding:.9rem 1.8rem;border-radius:8px;backgr
  section{max-width:1060px;margin:0 auto;padding:2rem 1.5rem;}
  .code{font-family:var(--font-mono);background:#1c2438;padding:.8rem 1rem;border-radius:
  /* A/B headline switch */
```

```html
    [data-hero-variant="A"] h1[data-variant="B"],
    [data-hero-variant="B"] h1[data-variant="A"]{display:none;}
    footer{background:var(--bg-slate-800);padding:2rem 1.5rem;text-align:center;font-size:.
    footer nav a{color:var(--cortex-accent);margin:0 .4rem;text-decoration:none;}
  </style>
</head>
<body>

<!-- --------------- HERO --------------- -->
<script src="https://unpkg.com/lottie-web@5.12.2/build/player/lottie.min.js"></script>
<script>
  /* simple A/B test */
  const v = Math.random()<.5?'A':'B';
  document.documentElement.dataset.heroVariant=v;
  window.dataLayer=window.dataLayer||[];
  dataLayer.push({event:'hero_variant_loaded',variant:v});
</script>

<header class="hero">
  <div id="hero-animation"></div>
  <h1 data-variant="A">Cognitive Oracle Network</h1>
  <h1 data-variant="B">Neural Sentiment Infrastructure</h1>
  <p style="max-width:640px;margin:1rem auto">
    Transformer-based sentiment models deliver <strong>73 % top-5 precision</strong> just
  </p>
  <a class="cta" href="#learn">Explore NEXUS</a>
</header>

<!-- --------------- HOW IT WORKS --------------- -->
<section id="learn">
  <h2>Neural Sentiment Processing</h2>
  <p>Over 40 anomaly features are recomputed every 5 seconds and standardised before ense

  <div class="code">
    z<sub>i,k</sub> = ( x<sub>i,k</sub><sup>current</sup> – μ<sub>i,k</sub><sup>hist</sup>
  </div>

  <p style="margin-top:1rem">
    Edge-deployed inference nodes retrain via federated learning, ensuring privacy while
  </p>
</section>

<!-- --------------- TOKENOMICS --------------- -->
<section>
  <h2>Tokenomics • 100 M NXS</h2>
  <ul>
    <li>40 % Community Governance (T0)</li>
    <li>25 % Cognitive Rewards — linear 6–30 mo (33.7 % cliff)</li>
    <li>20 % Development Treasury — 6 mo cliff</li>
    <li>10 % Liquidity Provision (T0)</li>
    <li>5 % Core Team — 12 mo cliff</li>
  </ul>
</section>

<!-- --------------- INTEGRATION FLOW DIAGRAM --------------- -->
<section>
```

```
  <h2>Cognitive Connectivity Flow</h2>
  <pre class="code">
Market Signals ➡ NEXUS Sentiment Score
                      |
                      ▼
          CORTEX Decision Layer
                      |
  SYNAPSE MEV-Secure Route ➡ Settlement
  </pre>
</section>


<!-- --------------- FOOTER --------------- -->
<footer>
  <nav>
    <a href="/assets/docs/audit-summary.pdf" target="_blank">Audit Summary (PDF)</a> |
    <a href="https://certik.com/projects/nexus" target="_blank">CertiK Report</a> |
    <a href="https://github.com/nexus-synapse/audits" target="_blank">Trail of Bits</a>
  </nav>
  © 2025 NEXUS × SYNAPSE — All rights reserved
</footer>

<script>
  /* hero Lottie load */
  lottie.loadAnimation({
    container:document.getElementById('hero-animation'),
    renderer:'svg',
    loop:true,
    autoplay:true,
    path:'/animations/hero-loop.json'
  });
</script>
</body>
</html>
```

3. SYNAPSE Preview (/synapse/index.html)

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>SYNAPSE • Neural Bridge Protocol</title>
<meta name="viewport" content="width=device-width,initial-scale=1">
<link rel="stylesheet" href="/css/brand-guide.css">
<link href="https://fonts.googleapis.com/css2?family=Exo+2:wght@800&family=Inter:wght@40(
<style>
  body{margin:0;background:var(--bg-slate-900);color:var(--txt-body);font-family:var(--fc
  h1,h2{font-family:var(--font-display);letter-spacing:-.02em;margin:0;}
  h1{font-size:clamp(2.2rem,4vw,3.8rem);color:var(--syn-primary);}
  h2{font-size:1.6rem;color:var(--syn-primary);margin-top:3rem;}
  .hero{padding:5.5rem 1.5rem 3.5rem;text-align:center;}
  .cta{display:inline-block;margin-top:2rem;padding:.9rem 1.8rem;border-radius:8px;backgr
  section{max-width:1040px;margin:0 auto;padding:2rem 1.5rem;}
  .code{font-family:var(--font-mono);background:#1c2438;padding:.8rem 1rem;border-radius:
  footer{background:var(--bg-slate-800);padding:2rem 1.5rem;text-align:center;font-size:.
  footer nav a{color:var(--cortex-accent);margin:0 .4rem;text-decoration:none;}
```

```html
</style>
</head>
<body>

<header class="hero">
  <h1>Neural Bridge Protocol</h1>
  <p style="max-width:660px;margin:1rem auto">
    Graph-neural-network shields block <strong>94 % of MEV</strong> while synaptic routin
  </p>
  <a class="cta" href="#engine">See the Engine</a>
</header>

<section id="engine">
  <h2>MEV Detection Algorithm</h2>
  <div class="code">
GAN-based adversary models ⇢ Transaction Graph Analysis&nb
  </div>
  <p style="margin-top:1rem">
    Private-mempool routing employs zero-knowledge batch proofs to preserve confidentiali
  </p>
</section>

<section>
  <h2>Tokenomics • 100 M SYN</h2>
  <ul>
    <li>35 % MEV Vault (T0)</li>
    <li>30 % Community Governance (T0)</li>
    <li>20 % Development — 6 mo cliff</li>
    <li>10 % Liquidity</li>
    <li>5 % Core Team — 12 mo cliff</li>
  </ul>
</section>

<section>
  <h2>Projected Yield Simulator</h2>
  <input id="stake" type="range" min="100" max="10000" value="1000" oninput="calc(this.va
  <p id="output" style="margin-top:1rem;font-weight:600"></p>
</section>

<footer>
  <nav>
    <a href="/assets/docs/audit-summary.pdf" target="_blank">Audit Summary (PDF)</a> |
    <a href="https://certik.com/projects/nexus" target="_blank">CertiK Report</a> |
    <a href="https://github.com/nexus-synapse/audits" target="_blank">Trail of Bits</a>
  </nav>
  © 2025 NEXUS × SYNAPSE — All rights reserved
</footer>

<script>
  function calc(v){
    /* naive APR ≈ 18 % minus gas, for demo only */
    const apr = 0.18, yr = 365*24*60*60;
    document.getElementById('output').textContent =
      `Stake ${Number(v).toLocaleString()} SYN → ≈ ${(v*apr).toLocaleString()} SYN / yr`
  }
  calc(1000);
```

```
    </script>
  </body>
</html>
```

4. How the Pieces Fit

1. **Designers** receive `/css/brand-guide.css` as authoritative palette & type system.

2. **Hero Animation**: drop `hero-loop.json` (exported from After Effects → Bodymovin) into `/animations/` — the Lottie player in **NEXUS** auto-loads it.

3. **Audit Summary**: place `audit-summary.pdf` under `/assets/docs/` — footer links are already wired on both pages.

4. **A/B Headline Test**: a five-line script randomises visitors, logs the variant to your analytics, and shows only the corresponding headline.

Paste these files into your repository, push, and open the URLs to see a live, techno-artsy preview with all requested functionality.