

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8"/>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
  <title>Neha S — Portfolio</title>
  <link href="https://fonts.googleapis.com/css2?family=Playfair+Display:ital,wght@0,400;0,700;1,400&family=DM+Sans:wght@300;400;500&display=swap" rel="stylesheet"/>
<style>
  *, *::before, *::after { box-sizing: border-box; margin: 0; padding: 0; }
  :root {
    --cream: #F5F0E8;
    --ink: #1A1A1A;
    --accent: #C85F3A;
    --muted: #7A7265;
    --border: #E0D9CE;
  }
  html { scroll-behavior: smooth; }
  body {
    background: var(--cream);
    color: var(--ink);
    font-family: 'DM Sans', sans-serif;
    font-weight: 300;
    overflow-x: hidden;
  }

/* NAV */
nav {
  position: fixed; top: 0; left: 0; right: 0; z-index: 100;
  display: flex; justify-content: space-between; align-items: center;
  padding: 1.4rem 4rem;
  background: rgba(245,240,232,0.9);
  backdrop-filter: blur(10px);
  border-bottom: 1px solid var(--border);
}
.nav-logo {
  font-family: 'Playfair Display', serif;
  font-size: 1.3rem;
  color: var(--ink);
  text-decoration: none;
  letter-spacing: 0.04em;
}
.nav-links { display: flex; gap: 2.5rem; list-style: none; }
.nav-links a {
  font-size: 0.8rem;
  letter-spacing: 0.14em;
  text-transform: uppercase;
```

```
color: var(--muted);
text-decoration: none;
transition: color 0.2s;
}
.nav-links a:hover { color: var(--accent); }

/* HERO */
.hero {
  min-height: 100vh;
  display: grid;
  grid-template-columns: 1fr 1fr;
  align-items: center;
  padding: 9rem 4rem 5rem;
  gap: 4rem;
  position: relative;
}
.hero::before {
  content: "";
  position: absolute; top: 0; right: 0;
  width: 42%; height: 100%;
  background: linear-gradient(145deg, #EAE0D2, #D6CABB);
  z-index: 0;
}
.hero-text { position: relative; z-index: 1; }
.eyebrow {
  font-size: 0.76rem;
  letter-spacing: 0.22em;
  text-transform: uppercase;
  color: var(--accent);
  margin-bottom: 1.2rem;
  display: flex; align-items: center; gap: 0.8rem;
}
.eyebrow::before { content: ""; width: 36px; height: 1px; background: var(--accent); }
h1 {
  font-family: 'Playfair Display', serif;
  font-size: clamp(3.2rem, 6vw, 5.5rem);
  line-height: 1.05;
  margin-bottom: 1.4rem;
}
h1 em { font-style: italic; color: var(--accent); }
.hero-desc {
  font-size: 1.05rem;
  line-height: 1.8;
  color: var(--muted);
  max-width: 430px;
  margin-bottom: 2.5rem;
}
.btn-primary {
```

```
display: inline-flex; align-items: center; gap: 0.6rem;
background: var(--ink); color: var(--cream);
text-decoration: none;
padding: 0.9rem 2rem;
font-size: 0.82rem;
letter-spacing: 0.1em;
text-transform: uppercase;
transition: background 0.3s, transform 0.2s;
}
.btn-primary:hover { background: var(--accent); transform: translateY(-2px); }
.hero-visual { position: relative; z-index: 1; display: flex; justify-content: center; }
.hero-card {
background: var(--ink); color: var(--cream);
padding: 2.8rem 2.5rem;
width: 330px;
position: relative;
}
.hero-card::after {
content: "";
position: absolute; bottom: -10px; right: -10px;
width: 100%; height: 100%;
border: 2px solid var(--accent);
z-index: -1;
}
.card-label {
font-size: 0.7rem;
letter-spacing: 0.18em;
text-transform: uppercase;
color: var(--accent);
margin-bottom: 1.2rem;
}
.hero-card h2 {
font-family: 'Playfair Display', serif;
font-size: 1.45rem;
line-height: 1.3;
margin-bottom: 0.9rem;
}
.hero-card p { font-size: 0.88rem; line-height: 1.7; color: #AAA; }
.tags { display: flex; flex-wrap: wrap; gap: 0.45rem; margin-top: 1.4rem; }
.tag {
font-size: 0.7rem;
letter-spacing: 0.1em;
text-transform: uppercase;
padding: 0.28rem 0.75rem;
border: 1px solid rgba(255,255,255,0.18);
color: #BBB;
}
```

```
/* SECTION COMMONS */
.sec { padding: 6rem 4rem; border-top: 1px solid var(--border); }
.sec-label {
  font-size: 0.73rem;
  letter-spacing: 0.2em;
  text-transform: uppercase;
  color: var(--accent);
  margin-bottom: 0.7rem;
  display: flex; align-items: center; gap: 0.75rem;
}
.sec-label::before { content: ""; width: 28px; height: 1px; background: var(--accent); }
.sec-title {
  font-family: 'Playfair Display', serif;
  font-size: clamp(1.9rem, 3.5vw, 2.7rem);
  line-height: 1.12;
  margin-bottom: 1.5rem;
}
/* ABOUT */
#about { display: grid; grid-template-columns: 1fr 1fr; gap: 5rem; align-items: start; }
.about-body p {
  font-size: 1rem;
  line-height: 1.85;
  color: var(--muted);
  margin-bottom: 1.1rem;
}
.about-body p strong { color: var(--ink); font-weight: 500; }

.strengths-wrap { padding-top: 0.5rem; }
.strengths-grid { display: grid; grid-template-columns: 1fr 1fr; gap: 1rem; margin-top: 1rem;
}
.s-box {
  padding: 1.4rem;
  border: 1px solid var(--border);
  transition: border-color 0.3s, transform 0.2s;
}
.s-box:hover { border-color: var(--accent); transform: translateY(-3px); }
.s-icon { font-size: 1.3rem; margin-bottom: 0.5rem; }
.s-title { font-size: 0.84rem; font-weight: 500; margin-bottom: 0.25rem; }
.s-sub { font-size: 0.76rem; color: var(--muted); line-height: 1.5; }

/* PROJECTS */
#projects {
  background: var(--ink);
  border-top: 1px solid #2A2A2A;
  padding: 6rem 4rem;
}
#projects .sec-label { color: var(--accent); }
```

```
#projects .sec-label::before { background: var(--accent); }
#projects .sec-title { color: var(--cream); }

/* project cards listing */
.project-list { display: flex; flex-direction: column; gap: 0; margin-top: 3rem; }

.proj {
  display: grid;
  grid-template-columns: 80px 1fr;
  gap: 2.5rem;
  padding: 2.8rem 0;
  border-top: 1px solid #2A2A2A;
  position: relative;
  transition: background 0.3s;
}
.proj:last-child { border-bottom: 1px solid #2A2A2A; }
.proj::before {
  content: "";
  position: absolute; top: 0; left: -4rem;
  width: 3px; height: 0;
  background: var(--accent);
  transition: height 0.4s ease;
}
.proj:hover::before { height: 100%; }

.proj-num {
  font-family: 'Playfair Display', serif;
  font-size: 2.8rem;
  color: #2C2C2C;
  line-height: 1;
  transition: color 0.3s;
  padding-top: 0.2rem;
}
.proj:hover .proj-num { color: var(--accent); }

.proj-body {}
.proj-top { display: flex; align-items: center; gap: 1rem; margin-bottom: 0.8rem; flex-wrap: wrap; }
.proj-body h3 {
  font-family: 'Playfair Display', serif;
  font-size: 1.7rem;
  color: var(--cream);
  line-height: 1.15;
}
.proj-status {
  font-size: 0.66rem;
  letter-spacing: 0.14em;
  text-transform: uppercase;
```

```
padding: 0.22rem 0.65rem;
}
.done { background: rgba(200,95,58,0.15); color: var(--accent); }
.wip { background: rgba(255,255,255,0.06); color: #777; }

.proj-body p {
  font-size: 0.93rem;
  line-height: 1.78;
  color: #777;
  margin-bottom: 1.4rem;
  max-width: 680px;
}
.proj-body p strong { color: #999; font-weight: 400; }

.proj-pills { display: flex; flex-wrap: wrap; gap: 0.4rem; margin-bottom: 1.4rem; }
.pill {
  font-size: 0.67rem;
  letter-spacing: 0.1em;
  text-transform: uppercase;
  padding: 0.2rem 0.6rem;
  border: 1px solid #2E2E2E;
  color: #666;
}

/* details block */
.proj-details {
  background: #161616;
  padding: 1.6rem 1.8rem;
  margin-top: 0.5rem;
  border-left: 2px solid var(--accent);
}
.proj-details h4 {
  font-size: 0.72rem;
  letter-spacing: 0.18em;
  text-transform: uppercase;
  color: var(--accent);
  margin-bottom: 0.9rem;
}
.proj-details ul { list-style: none; }
.proj-details ul li {
  font-size: 0.88rem;
  color: #888;
  line-height: 1.7;
  padding-left: 1.2rem;
  position: relative;
  margin-bottom: 0.3rem;
}
.proj-details ul li::before {
```

```
content: '→';
position: absolute; left: 0;
color: var(--accent);
font-size: 0.75rem;
}

/* CONTACT */
#contact { text-align: center; }
#contact .sec-label { justify-content: center; }
#contact .sec-label::before { display: none; }
.contact-tagline {
  font-family: 'Playfair Display', serif;
  font-size: clamp(1.5rem, 3vw, 2.2rem);
  font-style: italic;
  color: var(--muted);
  margin: 0.6rem 0 0.8rem;
}
.contact-sub {
  font-size: 0.95rem;
  color: var(--muted);
  line-height: 1.7;
  margin-bottom: 2.5rem;
}
.contact-btns { display: flex; justify-content: center; gap: 1.2rem; flex-wrap: wrap; }
.cbtn {
  display: inline-flex; align-items: center; gap: 0.55rem;
  padding: 0.85rem 2rem;
  font-size: 0.8rem;
  letter-spacing: 0.1em;
  text-transform: uppercase;
  text-decoration: none;
  font-family: 'DM Sans', sans-serif;
  transition: all 0.25s;
}
.cbtn.dark { background: var(--ink); color: var(--cream); }
.cbtn.dark:hover { background: var(--accent); }
.cbtn.out { border: 1.5px solid var(--ink); color: var(--ink); }
.cbtn.out:hover { background: var(--ink); color: var(--cream); }

/* FOOTER */
footer {
  background: var(--ink);
  color: #3A3A3A;
  text-align: center;
  padding: 1.4rem;
  font-size: 0.73rem;
  letter-spacing: 0.13em;
  text-transform: uppercase;
```

```

        }

/* ANIMATIONS */
.fade-up { opacity: 0; transform: translateY(26px); animation: fu 0.7s ease forwards; }
@keyframes fu { to { opacity: 1; transform: translateY(0); } }
.fade-up:nth-child(1) { animation-delay: 0.1s; }
.fade-up:nth-child(2) { animation-delay: 0.25s; }
.fade-up:nth-child(3) { animation-delay: 0.4s; }
.fade-up:nth-child(4) { animation-delay: 0.55s; }

/* RESPONSIVE */
@media (max-width: 800px) {
  nav { padding: 1.1rem 1.5rem; }
  .nav-links { gap: 1.4rem; }
  .hero { grid-template-columns: 1fr; padding: 7rem 1.5rem 3rem; }
  .hero::before { display: none; }
  .hero-card { width: 100%; }
  #about { grid-template-columns: 1fr; gap: 2.5rem; padding: 4rem 1.5rem; }
  #projects { padding: 4rem 1.5rem; }
  #projects .proj::before { left: -1.5rem; }
  #contact { padding: 4rem 1.5rem; }
  .proj { grid-template-columns: 50px 1fr; gap: 1.5rem; }
  .sec { padding: 4rem 1.5rem; }
  .strengths-grid { grid-template-columns: 1fr 1fr; }
}

</style>
</head>
<body>


<nav>
  <a class="nav-logo" href="#">Neha S</a>
  <ul class="nav-links">
    <li><a href="#about">About</a></li>
    <li><a href="#projects">Projects</a></li>
    <li><a href="#contact">Contact</a></li>
  </ul>
</nav>


<section class="hero">
  <div class="hero-text">
    <div class="eyebrow fade-up">Electronics · Robotics · Innovation</div>
    <h1 class="fade-up">Hi, I'm<br><em>Neha S.</em></h1>
    <p class="hero-desc fade-up">
      A deep thinker and hands-on innovator — I never stop asking <em>"why"</em> and
      <em>"how,"</em> whether it's circuits, drones, or the natural world.
    </p>
  </div>
</section>

```

```

<a href="#projects" class="btn-primary fade-up">See My Work →</a>
</div>
<div class="hero-visual">
  <div class="hero-card">
    <div class="card-label">Currently building</div>
    <h2>UAV Drone System from Scratch</h2>
    <p>Sensors, motor control, flight strategies — understanding every layer before building the next.</p>
    <div class="tags">
      <span class="tag">Electronics</span>
      <span class="tag">Robotics</span>
      <span class="tag">UAV / Flight</span>
      <span class="tag">Motor Control</span>
    </div>
  </div>
</div>
</section>

<!-- ABOUT -->
<section id="about" class="sec">
  <div class="about-body">
    <div class="sec-label">About Me</div>
    <h2 class="sec-title">Curious at the core.<br>Builder by instinct.</h2>
    <p>
      I'm someone who needs to understand things at their <strong>fundamental level</strong> — not just how to use them, but why they work the way they do. That curiosity pulls me into electronics, robotics, and the natural world constantly.
    </p>
    <p>
      I thrive in the space between theory and practice — where ideas become experiments and experiments become real, working things. <strong>Patience and persistence</strong> are my biggest tools, right alongside a soldering iron.
    </p>
    <p>
      Every project I take on starts with a question and ends with something I built with my own hands. That loop is what drives me.
    </p>
  </div>
<div class="strengths-wrap">
  <div class="sec-label">Core Strengths</div>
  <div class="strengths-grid">
    <div class="s-box">
      <div class="s-icon">⚡</div>
      <div class="s-title">Electronics</div>
      <div class="s-sub">Circuit design, component selection & hands-on assembly</div>
    </div>
    <div class="s-box">
      <div class="s-icon">🤖</div>
    </div>
  </div>
</div>

```

```

<div class="s-title">Robotics</div>
<div class="s-sub">Sensors, motor control & systems integration</div>
</div>
<div class="s-box">
  <div class="s-icon"></div>
  <div class="s-title">Deep Thinking</div>
  <div class="s-sub">Curiosity-driven exploration — always asking why, not just how</div>
</div>
<div class="s-box">
  <div class="s-icon"></div>
  <div class="s-title">Problem Solving</div>
  <div class="s-sub">Iterate, experiment and persist until it genuinely works</div>
</div>
<div class="s-box">
  <div class="s-icon"></div>
  <div class="s-title">Experimentation</div>
  <div class="s-sub">Hands-on prototyping with a layered, methodical approach</div>
</div>
<div class="s-box">
  <div class="s-icon"></div>
  <div class="s-title">Innovation</div>
  <div class="s-sub">Practical solutions that combine functionality and creativity</div>
</div>
</div>
</div>
</section>

<!-- PROJECTS -->
<section id="projects">
  <div class="sec-label">Work</div>
  <h2 class="sec-title">Projects</h2>

  <div class="project-list">

    <!-- Project 1 -->
    <div class="proj" id="smart-dock">
      <div class="proj-num">01</div>
      <div class="proj-body">
        <div class="proj-top">
          <h3>Smart Charging Dock</h3>
          <span class="proj-status done">Completed</span>
        </div>
        <p>
          An automated mobile charging system designed to prevent overcharging using a
          <strong>555 Timer IC</strong>. Every step — from circuit design to final testing — was
          handled independently.
        </p>
      </div>
    </div>
  </div>
</section>

```

```

<div class="proj-pills">
  <span class="pill">555 Timer IC</span>
  <span class="pill">Circuit Design</span>
  <span class="pill">Electronics</span>
  <span class="pill">Prototyping</span>
  <span class="pill">Component Selection</span>
</div>
<div class="proj-details">
  <h4>Project Details</h4>
  <ul>
    <li>Designed the full circuit schematic using a 555 Timer IC to cut power at charge completion</li>
    <li>Selected and sourced components based on voltage, current, and timing requirements</li>
    <li>Assembled the circuit from scratch and iterated through multiple prototypes</li>
    <li>Tested for reliability and overcharge protection under real charging conditions</li>
    <li>Final system works autonomously — no manual intervention needed once connected</li>
  </ul>
</div>
</div>
</div>

<!-- Project 2 -->
<div class="proj" id="drone">
  <div class="proj-num">02</div>
  <div class="proj-body">
    <div class="proj-top">
      <h3>Drone / UAV System</h3>
      <span class="proj-status wip">In Progress</span>
    </div>
    <p>
      Building a fully functional UAV from the ground up. The focus is on truly understanding every subsystem — not just assembling parts, but knowing why each piece behaves the way it does.
    </p>
    <div class="proj-pills">
      <span class="pill">UAV / Flight</span>
      <span class="pill">Sensors</span>
      <span class="pill">Motor Control</span>
      <span class="pill">Electronics Integration</span>
      <span class="pill">Flight Strategy</span>
    </div>
    <div class="proj-details">
      <h4>Project Details</h4>
      <ul>
        <li>Studying sensor types (IMU, barometer, GPS) and their role in stable flight</li>
        <li>Working on motor control logic and ESC configuration for controlled thrust</li>
      </ul>
    </div>
  </div>
</div>

```

```
<li>Exploring flight control algorithms and understanding PID tuning</li>
<li>Applying a layered build approach — each system verified before integrating the
next</li>
<li>Goal: a fully self-built UAV with a deep understanding of every component</li>
</ul>
</div>
</div>
</div>

</div>
</section>

<!-- CONTACT -->
<section id="contact" class="sec">
<div class="sec-label">Get In Touch</div>
<p class="contact-tagline">"Let's build something real."</p>
<p class="contact-sub">
    Whether it's a collaboration, a question, or just a good conversation about electronics —
    I'm in.
</p>
<div class="contact-btns">
    <a href="https://github.com/nehas200810-design" target="_blank" class="cbtn dark">GitHub</a>
    <a href="https://www.linkedin.com/in/neha-s-668a263a8" target="_blank" class="cbtn
out">LinkedIn</a>
</div>
</section>

<!-- FOOTER -->
<footer>&copy; 2026 Neha S — All rights reserved.</footer>

</body>
</html>
```