



INFORMATICS
INSTITUTE OF
TECHNOLOGY

UNIVERSITY OF
WESTMINSTER™

Module Leader: Ms. Asini Silva

Module Code & Name	5COSC026W - Advanced Client-Side Development
Coursework Title	Portfolio
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Tutorial Group	22

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3. Final Website Screenshots

3.1. Home Page (index.html)

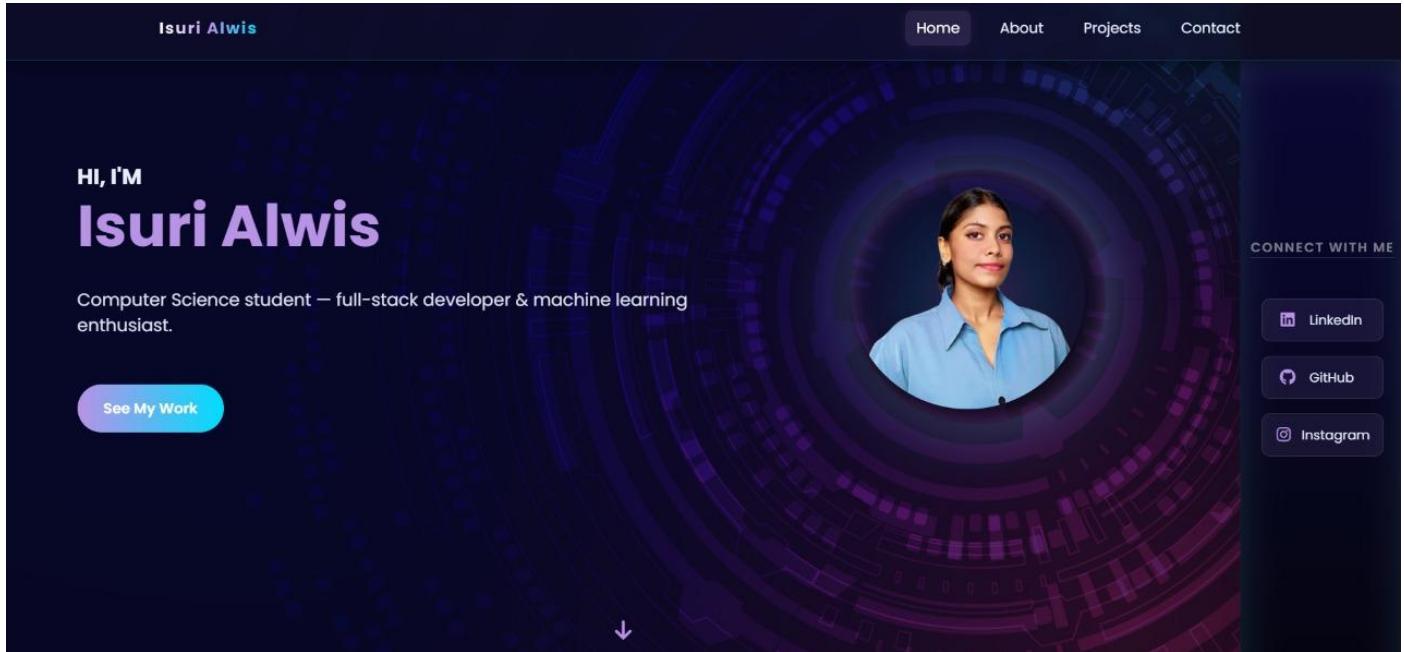


Figure 1:home page

3.2. About Page (about.html)

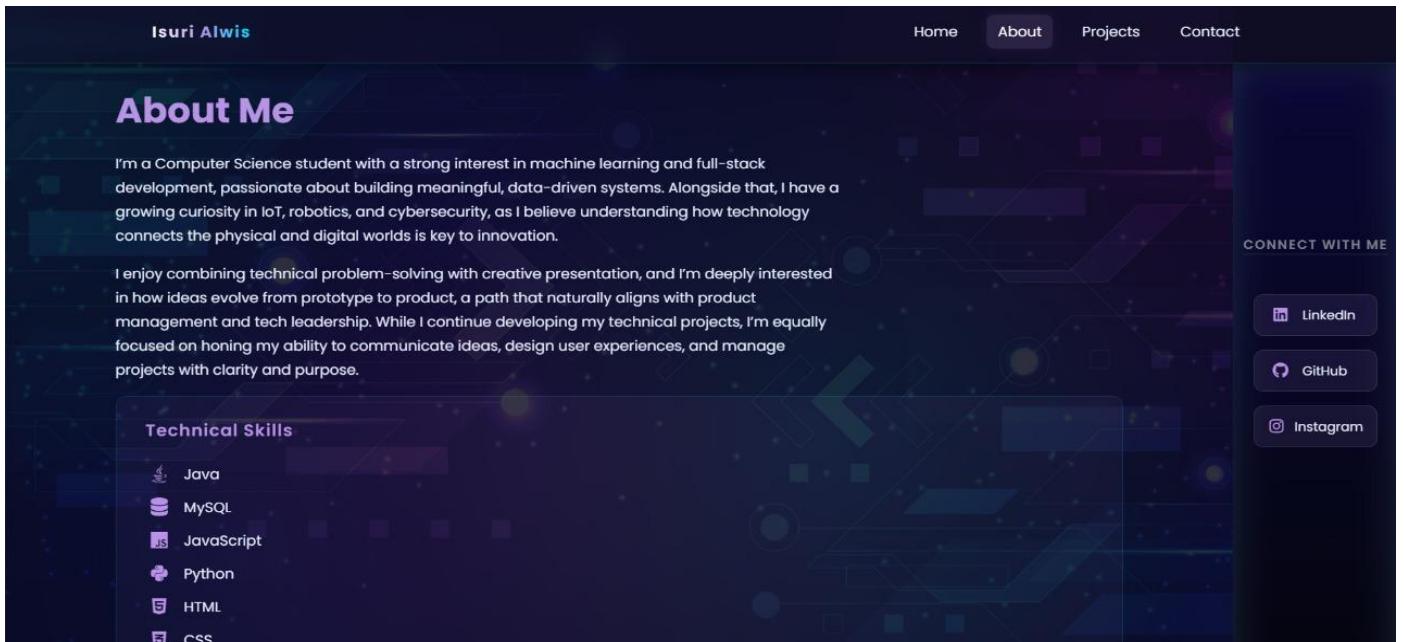


Figure 2: about page

3.3. Projects Page (projects.html)

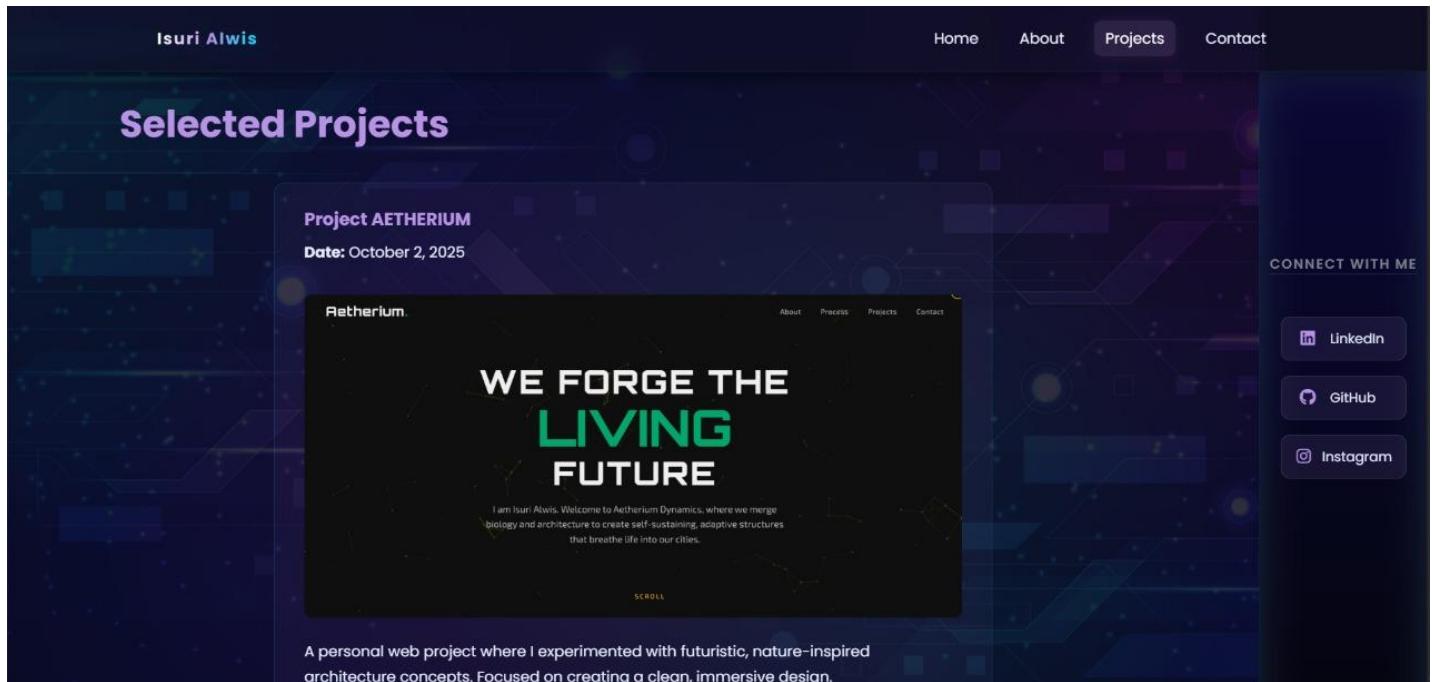


Figure 3: projects page

3.4. Contact Page (contact.html)

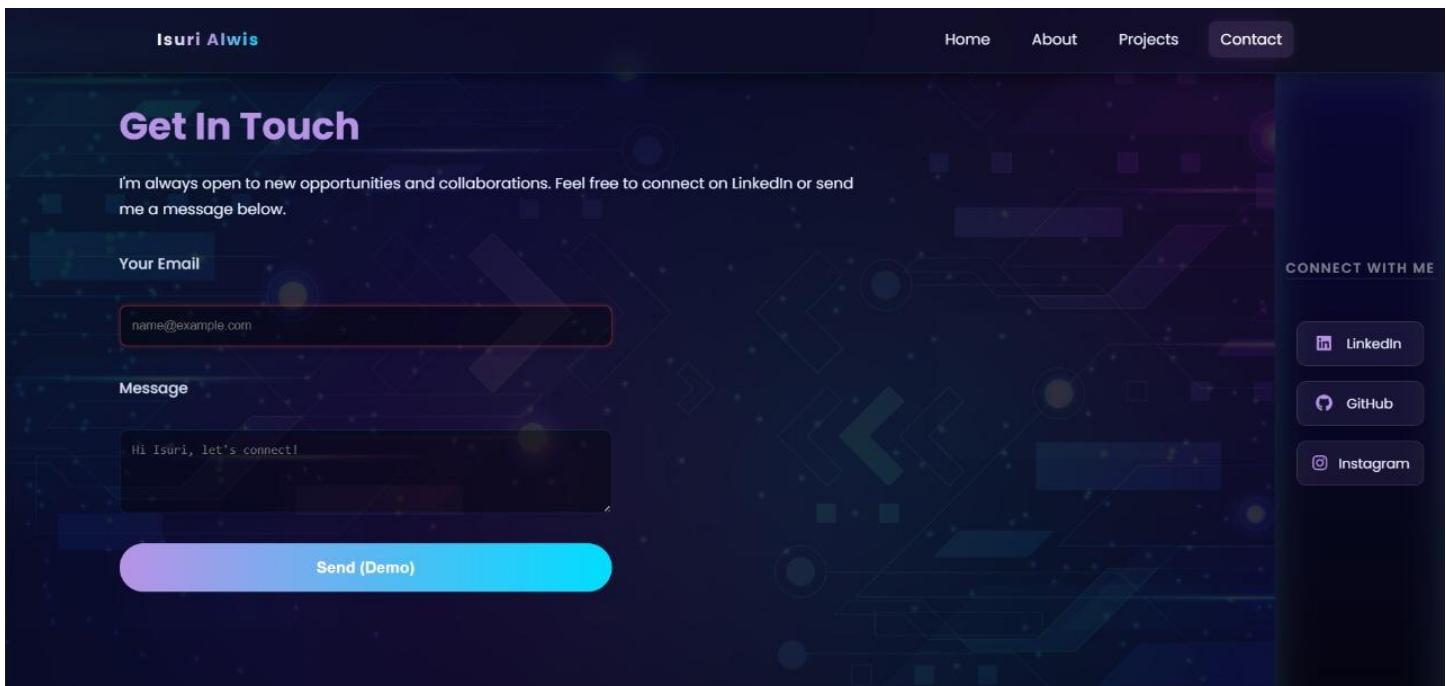


Figure 4:contact page

4. Development Diary

5COSC026W Portfolio: Development Diary

Student: Isuri Alwis (20232660)

Project: Personal Portfolio Website

Part 1: Project Timeline & Notes

Week 1:

Oct 1, 2025 (Wed)

- **Planning:** Started the coursework. Decided on a 4-page site: index.html, about.html, projects.html, and contact.html.
- **Theme:** Chosen a "cyber-neon" theme. Main colors will be dark blue (--bg-dark), cyan (--accent-cyan), and mauve (--accent-pink).

Oct 3, 2025 (Fri)

- **HTML Structure:** Created the four main HTML files.
- **Semantics:** Built the main layout in all files using semantic HTML: <header>, <nav>, <main>, <aside>, and <footer>.
- **Accessibility:** Added the base HTML for the .skip-link.
- **FONTS:** Added the <link> for my chosen Google Font ('Poppins') to the <head> as well. This meets (B.1).

Oct 4, 2025 (Sat)

- **Small Task:** Styled the .skip-link on :focus. A quick but important accessibility feature.

Oct 5, 2025 (Sun)

- **Asset Selection:** Finalized bg_home.jpg (Home page) and bg_other.jpg (other pages).
- Selected profile3.jpg as profile photo. Decided on the three social media links for the <aside> bar.

Oct 6, 2025 (Mon)

- **CSS Setup:** Created styles.css.
- **Global Setup:** Added the * universal reset. Set up :root CSS variables for all theme colors.
- **Sticky Footer:** Implemented a sticky footer using display: flex on body and flex: 1 on main.

Week 2: Core Layout & Home Page

Oct 8, 2025 (Wed)

- **Layout Styling:** Styled the <header> (fixed position, backdrop-filter) and <aside> (fixed position).
- **Used padding-right:** var(--aside-width) on the body to create the "slot" for the sidebar.

Oct 10, 2025 (Fri)

- **Navigation:** Styled the main nav links.
- **Social Links:** Styled the <aside> social links.
- **Button:** Styled the global .btn class.

Oct 11, 2025 (Sat)

- **Home Page (Hero):** Styled the hero text. Used clamp() for a responsive font size.
- **Gradient Text:** Styled .site-title with a linear-gradient and background-clip: text.
- **Animation:** Added the glowPulse @keyframes animation to the .hero-profile

Oct 13, 2025 (Mon)

- **Small Task:** Added background-attachment: fixed to the main background images (.about-bg, etc.) to create a simple parallax effect.

Week 3: Content Pages

Oct 15, 2025 (Wed)

- **About Page (v1):** Built the first version of about.html. Used a CSS grid to lay out skills.
- **Pseudo-element:** Added the "Languages" section and created the glowing dot on the progress bars using .progress-bar-fill: :after.

Oct 16, 2025 (Thu)

- **Small update:** While building the About page, I realized the lists looked boring.
- **Decision:** Decided to add icons for each (like Java, Python, etc.).
- **Action:** Added the Font Awesome CDN <link> to the <head> of all HTML files. This will let me easily add icons across the whole site, especially for the skills list and footer.

Oct 17, 2025 (Fri)

- **Projects Page (v1):** Built the first version of projects.html using a CSS grid.
- **HTML:** Added the <time datetime="..."> element to the projects to meet the (Part A) requirement.

Oct 20, 2025 (Mon)

- **Contact Page:** Built contact.html and styled the form, including the :invalid and :valid states.

Oct 22, 2025 (Wed)

- **Initial Footer:** Added the <footer> element with a simple copyright paragraph.

Week 4: Refactoring & Responsive

Oct 25, 2025 (Sat)

- **Refactor Decision:** The grid layouts on the About and Projects pages had too much code. Replaced them with simple, stacked .about-container and .project-container classes. This makes the HTML and CSS much simpler to read for the ICT.

Oct 26, 2025 (Sun)

- **Refactor (About Page):** The combined "Interests & Hobbies" container felt too long. Broke them into two separate .about-container divs ("Interests" and "Hobbies") for better page balance.

Oct 28, 2025 (Tue)

- **Responsiveness (v1):** Added the first pass of responsive styles using @media queries. Stacked content and set containers to width: 100% for better user experience and SEO accessibility.

Oct 30, 2025 (Thu)

- **Small edit:** The social link icons in the <aside> were cyan. Changed them to --accent-pink to better match the theme I'm moving towards.

Week 5: Final Parts

Oct 31, 2025 (Fri)

- **Refactor (Footer):** Upgraded the simple <footer> to a 3-column layout with Navigation and Contact info.
- **Color Change:** Changed all main headings (h2, .headline-strong) from --accent-cyan to --accent-pink. The pink gives a softer, more professional "neon" feel.

Nov 1, 2025 (Sat)

Final Features:

- Added the .scroll-down-arrow to the Home and About pages.
- Applied the bounce @keyframes animation to it (multi-step animations)
- Fix: Realized hover effects were instant. Added the transition property to .btn, nav a.nav-link, and .project-container to make all hover effects smooth.

Nov 2, 2025 (Sun)

Responsiveness (v2 - Final):

- **Challenge:** The aside sidebar had an ugly background and gap on mobile.
- **Solution:** Fixed it by setting background: none, backdrop-filter: none, border: none, and padding: 0 on the aside inside the @media (max-width: 900px) query. This makes it stack perfectly. Flexible Layout with responsive images and proper media queries. (changed layout/styles based on device width)

Nov 3, 2025 (Mon)

- **Final Code Review:** Ran the HTML through a validator. Found and fixed a typo ("Octorber") and a datetime mismatch in projects.html.

Nov 4, 2025 (Tue)

- **Final Preparation:** Project is code-complete. Compiling the final Word document (Part E) with screenshots, all 4 HTML files, the styles.css file, and this diary. Ready for submission.

Requirements and Dates completed

Date	Req.	Requirement	Implementation & Justification
Oct 6	B.1	Fonts	Used @import in styles.css for Google Fonts ('Poppins').
Oct 6	B.2	Semi-transparent	Added rgba(...) colors to :root (e.g., --bg-light-trans) for container backgrounds.
Oct 8	B.3	Shadows	Applied box-shadow to the <header>. Also used on .hero-profile & .btn:hover.

Oct 11	B.4	Text effects	Used background-clip: text on .site-title for a gradient text effect.
Oct 10	B.5	Attribute selectors (2)	1. .social-links > li > a[target="_blank"] 2.input[type="email"]:focus (Oct 20)
Oct 15	B.6	Pseudo-element	Used .progress-bar-fill::after to create the glowing dot on the language bars.
Oct 4	B.7	User action	Used .skip-link:focus. Also :hover on all buttons, links, and containers.
Oct 10	B.8	Child combinator	Used .social-links > li > a to style links directly inside the list.
Oct 25	B.9	Structural selector	Added .simple-list li:last-child to remove margin-bottom from the last item.
Oct 10	B.10	Negation	Used nav a.nav-link:not(.active-page):hover to style non-active links.
Oct 17	B.11	Nth pseudo-class	Used .project-container:nth-child(even) to alternate the border color.
Oct 20	B.12	Validity	Used input:invalid and input:valid on the contact form for live validation.
Oct 11	B.13	Relational selector	Used .headline + .lead on the home page to style the intro text.
Oct 8	B.14	Border	Applied border-bottom to <header> and border-left to <aside>.
Oct 10	B.15	Rounded corners	Used border-radius on the .btn class for a pill shape.

Oct 10	B.16	Gradient	Used linear-gradient on the .btn class and .site-title.
Oct 10	B.17	Transforms	Used transform: translateY(-4px) on .btn:hover for the lift effect.
Nov 1	B.18	Transitions	Added transition to .btn, nav a.nav-link, etc., to make hover effects smooth.
Oct 11	B.19	Animations	Added glowPulse @keyframes for hero image. (Nov 1) Added bounce for scroll arrow.
Oct 20	B.20	Specificity	Used #send-btn.btn (ID + class) for a high-specificity selector on the form button.
Oct 6	B.21	Comments	Used clear, structured comments throughout styles.css.

5. Final Codes

4.1. index.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>Isuri Alwis - Home</title>
  <link
    href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap"
    rel="stylesheet">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.2/css/all.min.css" crossorigin="anonymous" referrerPolicy="no-referrer" />
    <link rel="stylesheet" href="styles.css" />
</head>

<body>
  <!--Skip link for keyboard navigation -->
  <a class="skip-link" href="#main-content">Skip to content</a>

```

```

<!-- +++++++ HEADER +++++++ -->
<header>
  <div class="header-content">
    <!-- Website title / Logo -->
    <a href="index.html" class="site-title-link">
      <h1 class="site-title gradient-text">Isuri Alwis</h1>
    </a>

    <!-- Main navigation bar -->
    <nav aria-label="Main navigation">
      <ul>
        <li><a href="index.html" class="nav-link active-page">Home</a></li>
        <li><a href="about.html" class="nav-link">About</a></li>
        <li><a href="projects.html" class="nav-link">Projects</a></li>
        <li><a href="contact.html" class="nav-link">Contact</a></li>
      </ul>
    </nav>
  </div>
</header>

<!-- +++++++ SIDEBAR +++++++ -->
<aside aria-label="Social links">
  <div class="sidebar-content">
    <h3>Connect with me</h3>
    <ul class="social-links">
      <!-- Social media icons -->
      <li><a href="https://www.linkedin.com/in/isuri-alwis-26338335/" target="_blank" rel="noopener noreferrer">
          <i class="fab fa-linkedin"></i><span>LinkedIn</span></a></li>
      <li><a href="https://github.com/Alwis777" target="_blank" rel="noopener noreferrer">
          <i class="fab fa-github"></i><span>GitHub</span></a></li>
      <li><a href="https://www.instagram.com/isu_alwis/?igsh=MW53MHNkYjMxamlo" target="_blank" rel="noopener noreferrer">
          <i class="fab fa-instagram"></i><span>Instagram</span></a></li>
      </ul>
    </div>
  </aside>

<!-- +++++++ MAIN CONTENT +++++++ -->
<main id="main-content" class="page-container hero">
  <div class="hero-content">
    <!-- Left: Intro text section -->
    <div class="hero-text">
      <h2 class="eyebrow">HI, I'M</h2>
      <h1 class="headline"><span class="headline-strong">Isuri Alwis</span></h1>
      <p class="lead">

```

Computer Science student - full-stack developer & machine learning enthusiast.

```
</p>
<a class="btn" href="projects.html">See My Work</a>
</div>

<!-- Right: Profile image with glow animation -->
<div class="hero-profile">
    <div class="profile-glow">
        
    </div>
</div>
</div>

<!-- Scroll-down arrow linking to About page -->
<a href="about.html" class="scroll-down-arrow" aria-label="Go to About page">
    <i class="fas fa-arrow-down"></i>
</a>
</main>
</body>
</html>
```

4.2. about.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width,initial-scale=1" />
    <title>Isuri Alwis - About</title>
    <link
        href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap"
        rel="stylesheet">
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.5.2/css/all.min.css" crossorigin="anonymous" referrerPolicy="no-referrer" />
        <link rel="stylesheet" href="styles.css" />
</head>
<body>

    <a class="skip-link" href="#main-content">Skip to content</a>

    <!-- +++++++ HEADER +++++++ -->
<header>
    <div class="header-content">
        <!-- Site title -->
```

```

        <a href="index.html" class="site-title-link"><h1 class="site-title gradient-text">Isuri Alwis</h1></a>

        <!-- Navigation menu -->
        <nav aria-label="Main navigation">
            <ul>
                <li><a href="index.html" class="nav-link">Home</a></li>
                <li><a href="about.html" class="nav-link active-page">About</a></li>
                <li><a href="projects.html" class="nav-link">Projects</a></li>
                <li><a href="contact.html" class="nav-link">Contact</a></li>
            </ul>
        </nav>
    </div>
</header>

<!-- ++++++ SIDEBAR ++++++ -->
<aside aria-label="Social links">
    <div class="sidebar-content">
        <h3>Connect with Me</h3>
        <ul class="social-links">
            <!-- Social links with icons -->
            <li><a href="https://www.linkedin.com/in/isuri-alwis-26338335/" target="_blank" rel="noopener noreferrer"><i class="fab fa-linkedin"></i><span>LinkedIn</span></a></li>
            <li><a href="https://github.com/Alwis777" target="_blank" rel="noopener noreferrer"><i class="fab fa-github"></i><span>GitHub</span></a></li>
            <li><a href="https://www.instagram.com/isu_alwis/?igsh=MW53MHNkYjMxamlo" target="_blank" rel="noopener noreferrer"><i class="fab fa-instagram"></i><span>Instagram</span></a></li>
        </ul>
    </div>
</aside>

<!-- ++++++ MAIN CONTENT ++++++ -->
<main id="main-content" class="page-container about-bg">
    <div class="content">

        <!-- About summary / introduction -->
        <section class="about-summary">
            <h2>About Me</h2>
            <p>I'm a Computer Science student with a strong interest in machine learning and full-stack development, passionate about building meaningful, data-driven systems. Alongside that, I have a growing curiosity in IoT, robotics, and cybersecurity, as I believe understanding how technology connects the physical and digital worlds is key to innovation.</p>
            <p>I enjoy combining technical problem-solving with creative presentation, and I'm deeply interested in how ideas evolve from prototype to product, a path that naturally aligns with product management and tech leadership. While I continue developing my

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technical projects, I'm equally focused on honing my ability to communicate ideas, design user experiences, and manage projects with clarity and purpose.</p>

</section>

```
<!-- Technical skills section -->
<div class="about-container">
    <h3>Technical Skills</h3>
    <ul class="simple-list">
        <li><i class="fab fa-java"></i> Java</li>
        <li><i class="fas fa-database"></i> MySQL</li>
        <li><i class="fab fa-js"></i> JavaScript</li>
        <li><i class="fab fa-python"></i> Python</li>
        <li><i class="fab fa-html5"></i> HTML</li>
        <li><i class="fab fa-css3-alt"></i> CSS</li>
        <li><i class="fab fa-microsoft"></i> C#</li>
        <li><i class="fas fa-code"></i> Web Development</li>
    </ul>
</div>

<!-- Personal skills section -->
<div class="about-container">
    <h3>Personal Skills</h3>
    <ul class="simple-list">
        <li><i></i> Creativity</li>
        <li><i></i> Teamwork</li>
        <li><i></i> Problem-Solving</li>
        <li><i></i> Communication</li>
        <li><i></i> Project Management</li>
        <li><i></i> Adaptability</li>
        <li><i></i> Leadership</li>
    </ul>
</div>

<!-- Language proficiency bars -->
<div class="about-container">
    <h3>Languages</h3>
    <ul class="languages-list">
        <li>
            <span>English</span>
            <div class="progress-bar-container"><div class="progress-bar-fill" style="width: 95%;"></div></div>
        </li>
        <li>
            <span>Sinhala</span>
            <div class="progress-bar-container"><div class="progress-bar-fill" style="width: 95%;"></div></div>
        </li>
        <li>
```

```

        <span>French</span>
        <div class="progress-bar-container"><div class="progress-bar-fill"
style="width: 70%;"></div></div>
    </li>
</ul>
</div>

<!-- Interests list --&gt;
&lt;div class="about-container"&gt;
    &lt;h3&gt;Interests&lt;/h3&gt;
    &lt;ul class="simple-list"&gt;
        &lt;li&gt;&lt;i class="fas fa-code"&gt;&lt;/i&gt; Full-Stack Development&lt;/li&gt;
        &lt;li&gt;&lt;i class="fas fa-lightbulb"&gt;&lt;/i&gt; Product Innovation&lt;/li&gt;
        &lt;li&gt;&lt;i class="fas fa-gamepad"&gt;&lt;/i&gt; Game Security &amp; Design&lt;/li&gt;
        &lt;li&gt;&lt;i class="fas fa-shield-alt"&gt;&lt;/i&gt; Cybersecurity&lt;/li&gt;
        &lt;li&gt;&lt;i class="fas fa-user-secret"&gt;&lt;/i&gt; Ethical Hacking&lt;/li&gt;
        &lt;li&gt;&lt;i class="fas fa-brain"&gt;&lt;/i&gt; Artificial Intelligence&lt;/li&gt;
        &lt;li&gt;&lt;i class="fas fa-vr-cardboard"&gt;&lt;/i&gt; Human-Computer Interaction&lt;/li&gt;
        &lt;li&gt;&lt;i class="fas fa-pencil-ruler"&gt;&lt;/i&gt; UI/UX Design&lt;/li&gt;
    &lt;/ul&gt;
&lt;/div&gt;

<!-- Hobbies list --&gt;
&lt;div class="about-container"&gt;
    &lt;h3&gt;Hobbies&lt;/h3&gt;
    &lt;ul class="simple-list"&gt;
        &lt;li&gt;&lt;i class="fas fa-gamepad"&gt;&lt;/i&gt; Gaming&lt;/li&gt;
        &lt;li&gt;&lt;i class="fas fa-plane"&gt;&lt;/i&gt; Traveling&lt;/li&gt;
        &lt;li&gt;&lt;i class="fas fa-book-open"&gt;&lt;/i&gt; Reading&lt;/li&gt;
        &lt;li&gt;&lt;i class="fas fa-running"&gt;&lt;/i&gt; Outdoor Sports&lt;/li&gt;
    &lt;/ul&gt;
&lt;/div&gt;

&lt;/div&gt;

<!-- Scroll-down arrow to next page --&gt;
&lt;a href="projects.html" class="scroll-down-arrow" aria-label="Go to Projects page"&gt;
    &lt;i class="fas fa-arrow-down"&gt;&lt;/i&gt;
&lt;/a&gt;
&lt;/main&gt;

<!-- ++++++ FOOTER ++++++ --&gt;
&lt;footer&gt;
    &lt;div class="footer-container"&gt;
        &lt;!-- Navigation links in footer --&gt;
        &lt;div class="footer-section"&gt;
            &lt;h4&gt;Navigate&lt;/h4&gt;
            &lt;ul class="footer-nav"&gt;
</pre>

```

```

        <li><a href="index.html">Home</a></li>
        <li><a href="about.html">About</a></li>
        <li><a href="projects.html">Projects</a></li>
        <li><a href="contact.html">Contact</a></li>
    </ul>
</div>

<!-- Contact details --&gt;
&lt;div class="footer-section"&gt;
    &lt;h4&gt;Contact&lt;/h4&gt;
    &lt;ul class="footer-contact"&gt;
        &lt;li&gt;📍 Galle District&lt;/li&gt;
        &lt;li&gt;✉️ &lt;a href="mailto:isurialwis@gmail.com"&gt;isurialwis@gmail.com&lt;/a&gt;&lt;/li&gt;
            &lt;li&gt;📞 &lt;a href="tel:+94712345678"&gt;+94 71 234 5678&lt;/a&gt;&lt;/li&gt;
    &lt;/ul&gt;
&lt;/div&gt;

<!-- Copyright note --&gt;
&lt;div class="footer-section"&gt;
    &lt;h4&gt;© 2025&lt;/h4&gt;
    &lt;p&gt;Isuri Alwis - Portfolio Project&lt;/p&gt;
&lt;/div&gt;
&lt;/div&gt;
&lt;/body&gt;
&lt;/html&gt;</pre>

```

4.3.projects.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width,initial-scale=1" />
    <title>Isuri Alwis - Projects & Blogs</title>
    <link
        href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap"
        rel="stylesheet">
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.2/css/all.min.css" crossorigin="anonymous" referrerPolicy="no-referrer" />
        <link rel="stylesheet" href="styles.css" />
```

```

</head>
<body>
  <a class="skip-link" href="#main-content">Skip to content</a>

  <!-- +++++++HEADER +++++++ -->
  <header>
    <div class="header-content">
      <a href="index.html" class="site-title-link"><h1 class="site-title gradient-text">Isuri
      Alwisi</h1></a>
      <nav aria-label="Main navigation">
        <ul>
          <li><a href="index.html" class="nav-link">Home</a></li>
          <li><a href="about.html" class="nav-link">About</a></li>
          <li><a href="projects.html" class="nav-link active-page">Projects</a></li>
          <li><a href="contact.html" class="nav-link">Contact</a></li>
        </ul>
      </nav>
    </div>
  </header>

  <!-- +++++++SIDEBAR +++++++ -->
  <aside aria-label="Social links">
    <div class="sidebar-content">
      <h3>Connect with Me</h3>
      <ul class="social-links">
        <li><a href="https://www.linkedin.com/in/isuri-alwis-26338335/" target="_blank"
        rel="noopener noreferrer"><i class="fab fa-linkedin"></i><span>LinkedIn</span></a></li>
        <li><a href="https://github.com/Alwis777" target="_blank" rel="noopener
        noreferrer"><i class="fab fa-github"></i><span>GitHub</span></a></li>
        <li><a href="https://www.instagram.com/isu_alwis/?igsh=MW53MHNkYjMxamlo"
        target="_blank" rel="noopener noreferrer"><i class="fab fa-
        instagram"></i><span>Instagram</span></a></li>
      </ul>
    </div>
  </aside>

  <!-- +++++++MAIN CONTENT +++++++ -->
  <main id="main-content" class="page-container projects-bg">
    <div class="content">
      <h2>Selected Projects</h2>

      <!-- Project list container -->
      <div class="project-list">

        <!-- Project 1 -->
        <article class="project-container">
          <h3>Project AETHERIUM</h3>

```

```

<p><strong>Date:</strong> <time datetime="2025-10-02">October 2, 2025</time></p>

<div class="project-description">
    <p>
        A personal web project where I experimented with futuristic, nature-inspired
        architecture concepts.
        Focused on creating a clean, immersive design.
    </p>
</div>
<p class="project-skills">Tech Used: HTML, CSS, JS</p>
<a href="https://alwis777.github.io/AETHERIUM/" target="_blank" rel="noopener
noreferrer" class="view-project">View Project</a>
</article>

<!-- Project 2 -->
<article class="project-container">
    <h3>GreenGen - Smart Greenhouse Platform</h3>
    <p><strong>Date:</strong> <time datetime="2025-10-24">October 24, 2025</time></p>
    
    <div class="project-description">
        <p>
            Developed initially as a foundation prototype, GreenGen now serves as our
            temporary business site.
            It introduces sustainable greenhouse farming for local farmers through AI crop
            analysis, finance support, and a simple, modern web interface.
            We're continuing development to expand it into a full working platform.
        </p>
    </div>
    <p class="project-skills">Tech Used: HTML, CSS, JavaScript, Python (Flask),
    TensorFlow</p>
    <a href="https://alwis777.github.io/GREENGEN/" target="_blank" rel="noopener
noreferrer" class="view-project">View Project</a>
</article>

<!-- Project 3 -->
<article class="project-container">
    <h3>Smart Pillbox - Health Monitoring Companion</h3>
    <p><strong>Date:</strong> <time datetime="2025-11-01">November 1, 2025</time></p>
    
    <div class="project-description">
        <p>
            Developed as part of our SDGP (Software Development Group Project) at IIT,
            the Smart Pillbox aims to enhance medication adherence and patient engagement
            through IoT-enabled tracking.
        </p>
    </div>
</article>

```

This site serves as our business and project hub, showcasing the concept, team vision, and prototype progress as we move through the documentation stage toward deployment.

```
</p>
</div>
<p class="project-skills">Tech Used: HTML, CSS, JavaScript, Bootstrap</p>
<a href="https://alwis777.github.io/smart-pillbox/" target="_blank" rel="noopener noreferrer" class="view-project">View Project</a>
</article>

</div>
</div>

<a href="contact.html" class="scroll-down-arrow" aria-label="Go to About page">
  <i class="fas fa-arrow-down"></i>
</a>
</main>

<!-- +++++++ FOOTER +++++++ -->
<footer>
  <div class="footer-container">
    <div class="footer-section">
      <h4>Navigate</h4>
      <ul class="footer-nav">
        <li><a href="index.html">Home</a></li>
        <li><a href="about.html">About</a></li>
        <li><a href="projects.html">Projects</a></li>
        <li><a href="contact.html">Contact</a></li>
      </ul>
    </div>

    <div class="footer-section">
      <h4>Contact</h4>
      <ul class="footer-contact">
        <li>⌚ Galle District</li>
        <li>✉️ <a href="mailto:isurialwis@gmail.com">isurialwis@gmail.com</a></li>
        <li>📞 <a href="tel:+94712345678">+94 71 234 5678</a></li>
      </ul>
    </div>

    <div class="footer-section">
      <h4>© 2025</h4>
      <p>Isuri Alwis - Portfolio Project</p>
    </div>
  </div>
</footer>
</body>
</html>
```

4.4.contact.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width,initial-scale=1" />
    <title>Isuri Alwis - Contact</title>
    <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap" rel="stylesheet">
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.2/css/all.min.css" crossorigin="anonymous" referrerPolicy="no-referrer" />
            <link rel="stylesheet" href="styles.css" />
</head>
<body>

<!-- +++++++ HEADER +++++++ -->
<header>
    <div class="header-content">
        <a href="index.html" class="site-title-link"><h1 class="site-title gradient-text">Isuri Alwis</h1></a>
            <nav aria-label="Main navigation">
                <ul>
                    <li><a href="index.html" class="nav-link">Home</a></li>
                    <li><a href="about.html" class="nav-link">About</a></li>
                    <li><a href="projects.html" class="nav-link">Projects</a></li>
                    <li><a href="contact.html" class="nav-link active-page">Contact</a></li>
                </ul>
            </nav>
        </div>
    </header>

<!-- +++++++ SIDEBAR +++++++ -->
<aside aria-label="Social links">
    <div class="sidebar-content">
        <h3>Connect with Me</h3>
        <ul class="social-links">
```

```

        <li><a href="https://www.linkedin.com/in/isuri-alwis-263383335/" target="_blank" rel="noopener noreferrer"><i class="fab fa-linkedin"></i><span>LinkedIn</span></a></li>
            <li><a href="https://github.com/Alwis777" target="_blank" rel="noopener noreferrer"><i class="fab fa-github"></i><span>GitHub</span></a></li>
            <li><a href="https://www.instagram.com/isu_alwis/?igsh=MW53MHNkYjMxamlo" target="_blank" rel="noopener noreferrer"><i class="fab fa-instagram"></i><span>Instagram</span></a></li>
        </ul>
    </div>
</aside>

<!-- ++++++ MAIN CONTENT ++++++ -->
<main id="main-content" class="page-container contact-bg">
    <div class="content">
        <h2>Get In Touch</h2>
        <p>I'm always open to new opportunities and collaborations. Feel free to connect on LinkedIn or send me a message below.</p>
        <form class="demo-form" action="#" method="get" novalidate>
            <label for="email">Your Email</label>
            <input id="email" name="email" type="email" placeholder="name@example.com" required>

            <label for="message">Message</label>
            <textarea id="message" name="message" rows="4" placeholder="Hi Isuri, let's connect!"></textarea>

            <button id="send-btn" class="btn" type="submit">Send (Demo)</button>
        </form>
    </div>
</main>

<!-- ++++++ FOOTER ++++++ -->
<footer>
    <div class="footer-container">
        <div class="footer-section">
            <h4>Navigate</h4>
            <ul class="footer-nav">
                <li><a href="index.html">Home</a></li>
                <li><a href="about.html">About</a></li>
                <li><a href="projects.html">Projects</a></li>
                <li><a href="contact.html">Contact</a></li>
            </ul>
        </div>
        <div class="footer-section">
            <h4>Contact</h4>

```

```

<ul class="footer-contact">
    <li>📍 Galle District</li>
    <li>✉️ <a href="mailto:isurialwis@gmail.com">isurialwis@gmail.com</a></li>
    <li>📞 <a href="tel:+94712345678">+94 71 234 5678</a></li>
</ul>
</div>


<div class="footer-section">
    <h4>© 2025</h4>
    <p>Isuri Alwis - Portfolio Project</p>
</div>
</div>
</footer>
</body>
</html>

```

4.5. styles.css

```

/*
 ++++++
 Coursework: Portfolio (HTML5 + CSS3)
 Student: Isuri Alwis (20232660)
 Description: ALL 21 (Part B) requirements and 1 (Part C) requirement are
 implemented in this CSS file with comments indicating each one.
 ++++++
*/
/*
 1. GLOBAL SETUP (Variables, Fonts, Reset)
 */

/* PDF Requirement (B.1): Specify font using Google Fonts */
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap');

:root {
    --bg-dark: #0B0A1D;
    --accent-cyan: #00DEFF;
    --accent-pink: #B993E6;
    --text-light: #e8efff;
    --text-dark: #0B0A1D;
    --border-color: rgba(0, 222, 255, 0.15);
}

```

```

/* PDF Requirement (B.2): Semi-Transparent Color (card bg and hover effects)*/
--bg-light-trans: rgba(185, 147, 230, 0.05);
--shadow-color: rgba(185, 147, 230, 0.1);

--aside-width: 180px; /* Sidebar width */
}

/* Universal Reset: (B.21) Comments & Indentation */
* {
  box-sizing: border-box; /* Consistent box sizing */
  margin: 0; /* Remove default margin */
  padding: 0;
}

html { /* PDF Requirement (B.19): Smooth Scrolling */
  scroll-behavior: smooth;
}

/* Base body styles & sticky footer layout */
body {
  font-family: 'Poppins', sans-serif;
  background-color: var(--bg-dark);
  background-size: cover;
  color: var(--text-light);
  padding-right: var(--aside-width); /*space for sidebar to have a sperate bg*/
  min-height: 100vh; /* Full viewport height/ keep home page intact */
  display: flex;
  flex-direction: column; /* Stacks children( main n footer) vertically */
}

/* PDF Requirement (B.19): Animation (See Section 9)*/
animation: pageFadeIn 0.5s ease-in forwards; /* Fade-in on page Load */
}

/* Sticky footer: flex: 1 and the padding bottom tells main to grow and push footer down */
main{
  flex: 1;
  padding-bottom: 70px; /* Adds space above the footer */
}

.page-container {
  display: grid; /* center content mainly for hero section */
  place-items: center; /*center vertically, horizontally, all*/
  position: relative; /* scroll arrow positioning */
}

/* General content wrapper for all pages */
.content {
  width: min(1100px, 94%);
}

```

```

    padding: 6rem 0; /*top, bottom space*/
}
.content h2 {
    font-size: 2.5rem; /* Section Headings */
    margin-bottom: 1rem;
    color: var(--accent-pink);
}
.content p {
    line-height: 1.7;
    margin-bottom: 1rem;
    max-width: 800px;
}

/* Shared background for About, Projects, Contact */
.about-bg,
.projects-bg,
.contact-bg {
    background-image: linear-gradient(rgba(11, 10, 29, 0.85), rgba(11, 10, 29, 0.85)),
url('pictures/bg_other.jpg');
    background-size: cover; /* Cover entire area */
    background-position: center;
    background-attachment: fixed;
}
/*
  _____
  2. GENERAL STRUCTURE & COMPONENTS (Header, Nav, Aside)
  _____
*/
/* _____ 2.1: ACCECIBILITY SKIP LINK _____ */

.skip-link {
    position: absolute;
    top: -100px; /* Hides link off-screen */
    left: 1rem; /* Left align */
    z-index: 1000; /* Above other content */
    padding: 0.5rem 1rem;
    background: var(--accent-pink);
    color: var(--text-dark);
    font-weight: 600;
    border-radius: 8px; /* B.15 Rounded Corners */
    transition: top 0.3s ease-in-out; /* B.18 Transition */
    text-decoration: none;
}

/* B.7 User Action Pseudo Class (:focus) */
.skip-link:focus {
    top: 1rem; /* Brings link into view */
}

```

```

/* ____ 2.2: HEADER N NAV ____ */

/* Header: B.14 Border, B.3 Shadow */
header {
    position: fixed;
    width: 100%; /* Spans full width */
    height: 70px;
    z-index: 300; /* Above other content */
    display: flex;
    align-items: center;

    background: rgba(16, 15, 40, 0.6); /* Frosted Glass Effect */
    backdrop-filter: blur(10px);

    border-bottom: 1px solid var(--border-color); /* B.14 Border */
    box-shadow: 0 4px 18px rgba(0, 0, 0, 0.45); /* B.3 Shadow */
}

.header-content {
    display: flex;
    justify-content: space-between;
    align-items: center;
    width: 100%; /* Full width of header */
    max-width: 1200px; /* Centers content */
    margin: 0 auto; /* margin for left n right */
}

.site-title-link {
    text-decoration: none; /* Removes underline in Isuri Alwis */
}

/* PDF Requirement (B.16): Gradient & (B.4) Text Effects */
.site-title {
    background: linear-gradient(90deg, #FFF, var(--accent-pink), var(--accent-cyan)); /* B.16 Gradient */
    -webkit-background-clip: text; /* B.4 Text Effects for old Webkit browsers */
    -webkit-text-fill-color: transparent;
    background-clip: text; /* for modern browsers */

    font-size: 1.1rem;
    font-weight: 700;
    letter-spacing: 1.5px;
}

nav ul {
    list-style: none; /* Removes bullet points */
    display: flex;
    gap: 1.25rem;
}

```

```

}

/* Base styles for navigation Links */
nav a.nav-link { /* PDF Requirement (B.6): Class Selector */
  position: relative;
  color: var(--text-light);
  text-decoration: none; /* Removes underline */
  padding: 8px 12px; /* Increases clickable area */
  border-radius: 8px; /* B.15 Rounded Corners */

  transition: background-color 0.25s ease, box-shadow 0.25s ease; /* B.18 */
}

/* PDF Requirement (B.10): Negation Pseudo Class (:not) */
/*the glow for both active and non active when hover*/
nav a.nav-link:not(.active-page):hover, /* B.7 User Action Pseudo Class (:hover) */
nav a.nav-link.active-page {
  color: #fff;
  box-shadow: 0 0 12px var(--shadow-color);
}

nav a.nav-link:not(.active-page):hover {
  background-color: rgba(185, 147, 230, 0.1); /* B.2 Hover background */
}
nav a.nav-link.active-page {
  background-color: rgba(185, 147, 230, 0.15); /* Active page background */
}

/* _____ 2.3: Aside (Sidebar) _____ */

/* Aside (Sidebar) Container: B.14 Border */
aside {
  position: fixed;
  right: 0; /* Aligns to right */
  top: 70px; /* Sits below the header */
  width: var(--aside-width);
  height: 100vh; /* Full viewport height */
  z-index: 200; /* Sits behind the header */

  background: linear-gradient(
    rgba(10, 8, 59, 0.85),
    rgba(3, 5, 11, 0.85)
  );
  backdrop-filter: blur(8px); /* Frosted Glass Effect */
  border-left: 1px solid var(--border-color); /* B.14 Border */

  /* inner glow effect */
  box-shadow: inset 0 0 40px rgba(51, 71, 92, 0.545);
}

```

```

/* Center sidebar content vertically */
display: flex;
flex-direction: column;
align-items: center;
justify-content: center;
padding: 2rem 0;
}

/* Sidebar inner wrapper */
.sidebar-content {
    text-align: center;
    padding-bottom: 100px; /* Pushes content up from bottom */
}

/* "Connect with Me" Title */
.sidebar-content h3 {
    font-size: 0.9rem;
    font-weight: 600;
    letter-spacing: 1.5px;
    text-transform: uppercase;
    color: rgba(160, 169, 174, 0.75);

    margin-bottom: 2.8rem;
    border-bottom: 1px solid rgba(191, 197, 199, 0.225); /* subtle underline */
}

.social-links {
    list-style: none;
    display: flex;
    flex-direction: column;
    gap: 1rem; /* Space between Links */
}

/* PDF Requirement (B.8): Child Combinator (li > a) */
/* PDF Requirement (B.5): Attribute Selector ([target="_blank"]) */
.social-links > li > a[target="_blank"] {
    display: flex;
    align-items: center;
    justify-content: flex-start;
    text-decoration: none;

    width: 85%;
    margin: 0 auto;
    padding: 0.75rem 1rem; /* Increases clickable area */

    color: var(--text-light);
    font-size: 0.9rem;
}

```

```

background: rgba(185, 147, 230, 0.1);

border: 1px solid rgba(91, 91, 91, 0.438);
border-radius: 10px; /* B.15 Rounded Corners */

transition: background-color 0.25s ease, box-shadow 0.25s ease, transform 0.25s ease; /* B.18 Transition */
}

/* Sidebar Icons (e.g., LinkedIn, GitHub) */
.social-links a i {
  width: 24px;
  text-align: center;
  margin-right: 0.75rem;
  font-size: 1.1rem;
  color: var(--accent-pink);
  transition: color 0.25s ease; /* B.18 Transition */
}

/* PDF Requirement (B.7): User Action Pseudo Class (:hover) */
/* This block styles the Link's Lift effect */
.social-links a:hover {
  transform: translateY(-3px); /* B.17 Transform (Lift) */
}

/* This block changes the *icon's* color on hover */
.social-links a:hover i {
  color: var(--accent-cyan);
}

/* _____ 2.4: General Button Style _____ */
.btn { /*Visuals n Layout for all buttons*/
  background: linear-gradient(90deg, var(--accent-pink), var(--accent-cyan)); /* B.16 Gradient */
  border-radius: 999px; /* B.15 Rounded Corners (pill shape) */
  border: none;

  /* Text & Layout */
  display: inline-block;
  color: #fff;
  font-weight: 600;
  text-decoration: none;
  padding: 0.9rem 1.8rem;
  cursor: pointer;

  transition: transform 0.2s ease, box-shadow 0.2s ease; /* B.18 Transition */
}

/* Hover effect for the button */

```

```

.btn:hover {
    /* B.17 Transform (TranslateY) - Lifts button up */
    transform: translateY(-4px); /* B.7 User Action Pseudo Class (:hover) */
}

/*
  _____
  3. PAGE: INDEX (Home Page Styles)
  _____
*/

/* ____3.1: Hero Section Background ____ */
main.hero {
    /* Gradient overlay on top of the image */
    background-image: linear-gradient(rgba(11, 10, 29, 0.70), rgba(11, 10, 29, 0.70)),
url('pictures/bg_home.jpg');
    background-size: cover;
    background-position: -125px center; /* Shifts image slightly left */
    background-attachment: fixed; /* Parallax scroll effect */
}

/*____ 3.2: Hero Content Layout ____*/
.hero-content {
    width: min(1200px, 92%); /* Responsive width */
    display: grid;
    grid-template-columns: 1fr 420px; /* Two columns: text and image */
    gap: 2rem;
    align-items: center; /* Vertically aligns text and image */
}

/******3.3: Hero Text Styles *****

/* PDF Requirement (B.13): Relational Selector (Adjacent Sibling) */
/* Selects the .lead paragraph ONLY if it's right after .headline */
.headline + .lead {
    margin-top: 2rem;
    padding-bottom: 0.2rem;
}

.hero-text .lead { /* small description */
    font-size: 1.2rem;
    opacity: 0.95;
    margin-bottom: 3rem;
}

.headline {
    /* Responsive font size: min 2.5rem, max 4rem */
    font-size: clamp(2.5rem, 5vw, 4rem);
    margin-bottom: 0.6rem;
    line-height: 1.1;
}

```

```

}

.headline-strong { /* PDF Requirement (B.4): Text Effects */
  color: var(--accent-pink);
  font-weight: 700;
}

/* _____ 3.4: Hero Profile Image _____ */
.hero-profile { /* PDF Requirement (B.3): Shadows & (B.15) Rounded Corners & (B.19) Animation */
  position: relative;
  width: 280px;
  height: 280px;
  margin: 0 auto;
  border-radius: 50%; /* B.15 Rounded Corners */

  /* --- Centering child (.profile-photo) --- */
  display: flex;
  align-items: center;
  justify-content: center;

  /* --- Background Glows --- */
  background: radial-gradient(
    circle at center,
    rgba(185, 147, 230, 0.2),
    rgba(0, 222, 255, 0.1),
    transparent 70%
  );
  /* B.3 Shadows (Outer & Inner) */
  box-shadow: 0 0 40px rgba(185, 147, 230, 0.2),
              0 0 80px rgba(0, 222, 255, 0.1),
              inset 0 0 20px rgba(185, 147, 230, 0.2);

  /* B.19 Animation (GlowPulse defined in Section 8) */
  animation: glowPulse 4s ease-in-out infinite;
}

.profile-photo {
  width: 92%;
  height: 92%;
  border-radius: 50%;
  object-fit: cover; /* Prevents image from stretching */
  position: relative;
  z-index: 2; /* Sits on top of the .hero-profile glow */
  box-shadow: 0 10px 30px rgba(0, 0, 0, 0.6); /* Inner shadow for depth */
}

/*
_____
SCROLL ARROW
_____*/

```

```

.scroll-down-arrow {
  position: absolute;
  bottom: 5px;
  left: 50%;
  transform: translateX(-50%);

  color: var(--accent-pink);
  font-size: 1.5rem; /* Bigger for visibility */
  cursor: pointer;
  text-decoration: none;
  animation: bounce 2s infinite, delayedFadeIn 1s ease-in forwards; /* B.19 Animation */
}

/*

```

4. PAGE: ABOUT (Simplified Container Layout)

*/

```

/* ____ 4.1: About Page Containers____ */
.about-container {
  background: var(--bg-light-trans); /* B.2 Semi-Transparent */
  border: 1px solid var(--border-color); /* B.14 Border */
  border-radius: 12px; /* B.15 Rounded Corners */
  padding: 1.5rem 2rem;
  margin-bottom: 2rem; /* Spaces out each container */
}

```

```

.about-container h3 { /* Heading for each container */
  font-weight: 600;
  color: var(--accent-pink);
  margin-bottom: 1.5rem;
  letter-spacing: 1px;
}

```

/* ____ 4.2: List (for Skills, Interests, Hobbies)____ */

```

.simple-list { /*removes default list styles*/
  list-style: none;
  padding: 0;
}

```

```

.simple-list li { /* Styles each list item */
  display: flex;
  align-items: center;
  gap: 0.75rem;
  font-size: 1rem;
  margin-bottom: 0.85rem;
}

```

```
.simple-list li:last-child { /* PDF Requirement (B.9): Structural Selector */
```

```

    margin-bottom: 0;
}
.simple-list i /* Icon styles */
color: var(--accent-pink);
font-size: 1.3rem;
width: 30px; /* Keeps icons aligned */
text-align: center;
}

/* ____ 4.3: Language Progress Bars____ */
.languages-list {
list-style: none; /* removes default List styles*/
padding: 0;
}
.languages-list li /* Each Language item */
display: flex;
flex-wrap: wrap;
align-items: center;
margin-bottom: 1.5rem;
}
.languages-list li span /* Language name */
width: 100%;
margin-bottom: 0.75rem;
font-size: 1rem;
}
.progress-bar-container /* Progress bar background */
width: 50%;
height: 4px;
background-color: rgba(255, 255, 255, 0.15);
border-radius: 2px;
}
.progress-bar-fill /* Filled portion of the progress bar */
height: 100%;
background: var(--accent-pink);
border-radius: 2px; /* B.15 Rounded Corners */
position: relative;
}
/* PDF Requirement (B.6): Pseudo-element with content */
/* Creates the glowing dot at the end of the progress bar */
.progress-bar-fill::after {
content: ''; /* Necessary to display */
position: absolute;
background: var(--accent-pink);
top: 50%;
right: 0;
transform: translate(50%, -50%); /* B.17 Transform */
width: 12px;
}

```

```

height: 12px;
border-radius: 50%; /* B.15 Rounded Corners */
box-shadow: 0 0 8px var(--accent-pink); /* B.3 Shadow */
}

/*
  _____
  5. PAGE: PROJECTS (Project Cards Layout)
  _____
  */

.project-list { /* Wrapper for all projects */
  display: flex;
  width: 70%;
  flex-direction: column;
  gap: 2rem; /* Space between each project */
  margin: 2rem auto 0;
}

/* Reusable style for each 3 project containers */
.project-container {
  background: var(--bg-light-trans); /* B.2 Semi-Transparent */
  border: 1px solid var(--border-color); /* B.14 Border */
  border-radius: 12px; /* B.15 Rounded Corners */
  padding: 1.5rem 2rem;
  transition: transform 0.3s ease, box-shadow 0.3s ease; /* B.18 Transition */
}

.project-container:hover { /* Hover effect for the container (B.7) Hover, (B.17) Transform, (B.3) Shadow */
  transform: translateY(-8px);
  box-shadow: 0 10px 25px var(--shadow-color);
}

/* PDF Requirement (B.11): Nth Pseudo-Class */
.project-container:nth-child(even) { /* Applies a different border color to every even project */
  border-color: rgba(0, 222, 255, 0.2);
}

.project-container h3 { /* Project title */
  color: var(--accent-pink);
  margin-bottom: 0.5rem;
}

.project-img { /* Project image */
  width: 100%;
  border-radius: 8px; /* B.15 Rounded Corners */
  margin: 1rem 0;
}

```

```

.project-description p { /* Project text */
  margin-bottom: 1.5rem;
  line-height: 1.7;
}

.project-skills { /* "Tech Used:" text */
  font-size: 0.9rem;
  font-style: italic;
  color: rgba(200, 200, 200, 0.7);
  margin-bottom: 1.5rem;
}

.view-project { /* "View Project" button */
  display: inline-block;
  padding: 0.6rem 1.2rem;
  background: var(--accent-cyan);
  color: #fff;
  text-decoration: none;
  border-radius: 6px; /* B.15 Rounded Corners */
  transition: background-color 0.3s ease, transform 0.3s ease; /* B.18 Transition */
}

```

```

.view-project:hover {
  /* (B.7) Hover, (B.17) Transform */
  background: var(--accent-pink);
  transform: translateY(-3px);
}
/* _____
  6. PAGE: CONTACT PAGE
_____*/

```

```

/* _____ 6.1: Form Layout _____ */
.demo-form { /* Form wrapper */
  margin-top: 2rem;
  max-width: 520px;
  display: grid;
  gap: 2rem;
}

.demo-form > label { /* description for each input field */
  font-weight: 500;
  opacity: 0.9;
}

/* _____ 6.2: Input n Textarea Fields _____ */
.demo-form input,
.demo-form textarea { /* (B.15) Rounded Corners, (B.14) Border */
  width: 100%;
  padding: 0.8rem;
}

```

```

background: rgba(0, 0, 0, 0.35);
color: var(--text-light);
border-radius: 8px; /* B.15 */
border: 1px solid var(--border-color); /* B.14 */

transition: border 0.2s ease, box-shadow 0.2s ease; /* B.18 Transition */
}

/* ____ 6.3: Form Pseudo-Classes ____ */
input:invalid { /* PDF Requirement (B.12): Validity Pseudo Class */
    border-color: rgba(201, 65, 65, 0.6); /* Red for invalid */
    box-shadow: 0 0 5px rgba(173, 48, 48, 0.5); /* B.3 Shadow */
}

input:valid {
    border-color: rgba(0, 222, 255, 0.5); /* Blue for valid */
}

.demo-form input[type="email"]:focus { /* PDF Requirement (B.5): Attribute Selector (2/2) n
(B.7) */
    outline: none;
    border-color: var(--accent-pink);
    box-shadow: 0 0 10px var(--shadow-color); /* B.3 Shadow */
}

/* ____ 6.4: Form Button ____ */
#send-btn.btn { /* PDF Requirement (B.20): Specificity Consideration ; selector (#id.class)
highly specific */
    padding: 1rem 2.2rem;
    font-size: 1.05rem;
}

/*
_____
7. FOOTER
_____
*/
footer { /* (B.16) Gradient, (B.14) Border, (B.3) Shadow */
    background: linear-gradient(to top, rgba(11, 10, 29, 0.95), rgba(11, 10, 29, 0.85));
    border-top: 1px solid var(--border-color);
    box-shadow: 0 -4px 15px rgba(0, 0, 0, 0.3);

    color: rgba(255, 255, 255, 0.75);
    padding: 2.5rem 1rem;
    font-family: 'Poppins', sans-serif;
}

.footer-container { /* Footer's 3-column Layout wrapper */
    display: flex;
    justify-content: space-around;
    align-items: flex-start;
}

```

```

flex-wrap: wrap;
max-width: 1100px;
margin: 0 auto;
gap: 2rem;
}
.footer-section { /* Individual footer column */
  flex: 1;
  min-width: 220px;
  text-align: center;
}
.footer-section h4 { /* Footer section headings */
  font-size: 1rem;
  color: var(--accent-cyan);
  margin-bottom: 0.75rem;
  letter-spacing: 0.5px;
}
/* ____ Combined List styles ____ */
.footer-nav,
.footer-contact {
  list-style: none;
  padding: 0;
  margin: 0;
  line-height: 1.8;
}
/* ____ Combined Link styles ____ */
.footer-nav a,
.footer-contact a {
  color: rgba(255, 255, 255, 0.7);
  text-decoration: none;
  /* (B.18) Transition */
  transition: color 0.25s ease, text-shadow 0.25s ease;
}
/* ____ Combined hover styles ____ */
.footer-nav a:hover,
.footer-contact a:hover {
  /* (B.7) Hover */
  color: var(--accent-cyan);
  text-shadow: 0 0 8px rgba(0, 222, 255, 0.6); /* (B.4) Text Effect */
}
.footer-contact li { /*alignment for contact list items */
  display: flex;
  align-items: center;
  justify-content: center;
  gap: 6px;
  font-size: 0.95rem;
}

```

```

.footer-section p { /* Copyright text */
  font-size: 0.85rem;
  color: rgba(255, 255, 255, 0.5);
  margin-top: 0.5rem;
}

@media (max-width: 768px) { /* Mobile Footer Layout */
  .footer-container {
    flex-direction: column;
    align-items: center;
    gap: 1.5rem;
  }

  .footer-section {
    text-align: center;
  }

  .footer-section h4 {
    margin-bottom: 0.5rem;
  }
}

/*
  _____
  8. ANIMATIONS & KEYFRAMES (B.17, B.19)
  _____
*/

```

```

@keyframes contentFadeInUp { /* PDF Requirement (B.19): Animation 1: Content Fade-In */
  from { opacity: 0; transform: translateY(20px); /* B.17 Transform */ }
  to { opacity: 1; transform: translateY(0); }
}

.hero-content, /* applies to hero section content*/
.content {
  animation: contentFadeInUp 0.8s 0.2s cubic-bezier(0.215, 0.610, 0.355, 1.000) both;
}

@keyframes glowPulse { /* PDF Requirement (B.19): Animation 2: Hero Glow Pulse */
  0%, 100% {
    box-shadow: 0 0 40px rgba(185, 147, 230, 0.2),
                0 0 80px rgba(0, 222, 255, 0.1),
                inset 0 0 20px rgba(185, 147, 230, 0.2);
  }
  50% {
    box-shadow: 0 0 60px rgba(185, 147, 230, 0.4),
                0 0 90px rgba(0, 222, 255, 0.2),
                inset 0 0 25px rgba(185, 147, 230, 0.4);
  }
}

```

```

}

@keyframes bounce { /* PDF Requirement (B.19): Animation 3: Scroll Arrow Bounce */
    0%, 100% { transform: translateX(-50%) translateY(0); }
    50%      { transform: translateX(-50%) translateY(-10px); }
}

@keyframes pageFadeIn { /* PDF Requirement (B.19): Animation 4: Page Load Fade-In */
    from { opacity: 0; }
    to   { opacity: 1; }
}

/*
  _____
  9. RESPONSIVE DESIGN (PDF Requirement: Part C - Media Queries)
  _____
*/
/* -----
Breakpoint 1: Tablets and smaller Laptops (max-width: 1024px)
----- */

@media (max-width: 1024px) {

    .project-list { /* Make the project list wider on tablets */
        width: 80%; /* 50% on desktop */
    }

    .hero-content {
        gap: 2rem; /* Tighter hero spacing */
    }
}

/*
  _____
Breakpoint 2: Mobile phones and tablets (max-width: 900px)
----- */

@media (max-width: 900px) {

    /* _____General Layout_____ */
    body {
        padding-right: 0; /* Remove desktop sidebar space */
        display: block; /* Disable sticky footer flex */
    }

    .page-container {
        padding-top: 0;
    }

    /* _____Header n Nav_____ */
    header {
        position: relative; /* Un-fix the header */
        height: auto;
        padding-bottom: 3%;
        flex-direction: column;
        background: rgba(11, 10, 29, 0.9);
    }
}

```

```

}

.header-content {
  flex-direction: column;
  gap: 0.5rem;
}

nav ul {
  flex-direction: row;
  flex-wrap: wrap;
  justify-content: center;
  gap: 0.35rem;
  padding: 0 0.5rem;
}

nav a.nav-link {
  font-size: 0.9rem;
  padding: 0.4rem 0.65rem;
}

/* --- Aside (Sidebar) --- */
aside {
  position: relative; /* Un-fix the sidebar */
  padding: 0;
  width: 100%;
  height: auto;

  background: none; /* Remove desktop styling to close gap */
  backdrop-filter: none;
  box-shadow: none;
  border-left: none;
  border-top: none;
}

.sidebar-content h3 {
  display: none; /* Hide "Connect with me" text */
}

.social-links { /* Stack social links horizontally */
  flex-direction: row;
  justify-content: center;
  gap: 0.5rem;
}

.social-links a span {
  display: none; /* Hide text, show icons only */
}

.social-links > li > a { /* Adjust Link styles for icon-only */
  padding: 0.35rem;
  width: auto;
  background: transparent;
  border: none;
}

```

```

}

.social-links a:hover { /* Remove lift effect */
  background: rgba(0, 222, 255, 0.1);
  border-radius: 50%;
  transform: translateY(0);
  box-shadow: none;
}
.social-links a i { /* Center icons */
  margin: 0;
  font-size: 1.25rem;
  color: var(--text-light);
}
.social-links a:hover i {
  color: var(--accent-cyan);
}

/* --- Page Content --- */
.hero-content {
  grid-template-columns: 1fr; /* Stack hero content */
  text-align: center;
  gap: 0.8rem;
  padding-top: 5rem;
  padding-bottom: 6rem;
}
.hero-profile {
  order: 1; /* Image first */
  width: 240px;
  height: 240px;
  margin: 0 auto;
}
.hero-text {
  order: 2; /* Text second */
}

.project-list { /* Make new containers full-width */
  width: 100%;
}

.about-container, /* Reduce padding on new containers */
.project-container {
  padding: 1.5rem;
}

.view-project { /* Smaller project button */
  padding: 0.5rem 1rem;
  font-size: 0.9rem;
}

```

```

/* __ Footer__ */
footer {
    padding: 2rem 1rem;
}
.footer-nav {
    flex-direction: column;
    gap: 0.5rem;
}
}

/*
----- Breakpoint 3: Very small mobile screens (max-width: 420px)
----- */

@media (max-width: 420px) {

    /* __ Header n Nav__ */
    .site-title {
        font-size: 1.1rem;
    }
    nav ul {
        gap: 0.25rem;
    }
    nav a.nav-link {
        font-size: 0.85rem;
        padding: 0.35rem 0.5rem;
    }
    .social-links {
        gap: 0.4rem;
    }

    .hero-profile {
        width: 200px;
        height: 200px;
        margin-top: 2.5rem;
    }
    .hero-content {
        padding-top: 3rem;
        gap: 0.6rem;
    }
    .about-container, /* Reduce container padding even more */
    .project-container {
        padding: 1rem;
    }
}

```

