Internship Task-2 Submission Report

1. Name & Email:

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2. Task Details: Design a Landing Page

3. Task Description: Your second project task involves creating a compelling Landing Page. The goal is to choose a design and theme that resonates with you and develop a landing page for an event or launch. This could be related to a car launch, product unveiling, course introduction, university promotion, or any other topic of your choice.

4. Steps Taken:

- First, I downloaded the Visual Studio Code app and opened it with a new file.
- I have used Document type of HTML <!DOCTYPE html>.
- I have used Tags like <html></html>,<body></body>,<main></main>,<h1></h1>,<p></p>,<img>,<iframe></iframe>,<div></div>, <label></label>,<footer></footer>.
- And I have used CSS to style the web page and Script.

• For example, I have used the font, color, size, padding, border, margin, width, height, text-align, background color, position, etc.

5. Challenges Faced:

I have faced challenges in both HTML, CSS & JAVASCRIPT. When I'm using the Image tag, it takes time to load the image. When I'm styling the web page the Position of the page may not come properly.

6. Solutions Implemented:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Infiniti - The Future of Sustainable Mobility</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <header>
        <nav>
            <div class="logo">
                <a href="#"><img src="logo.png" alt="Infiniti Logo"></a>
            </div>
            <ul>
                <li><a href="#">Features</a></li>
                <li><a href="#">Gallery</a></li>
                <li><a href="#">Reserve</a></li>
            </ul>
        </nav>
    </header>

    <main>
        <section class="hero">
            <div class="hero-content">
                <h1>Introducing the Infiniti</h1>
                <p>The Future of Sustainable Mobility</p>
                <a href="#" class="cta-btn">Reserve Now</a>
            </div>
            <div class="hero-image">
                <img src="ev-hero.jpg" alt="Infiniti Hero Image">
            </div>
        </section>
```

```html
index.html ×    # style.css
<> index.html > ☰ html > ☰ main > ☰ figure > ☰ figcaption
1   <!DOCTYPE html>
2   <html lang="en">
3       <head>
4           <meta charset="UTF-8">
5           <meta name="viewport" content="width=device-width, initial-scale=1.0">
6           <title> Veri-tech Technologies</title>
7       </head>
8       <link href="style.css" rel="stylesheet">
9       <main>
10      <body>
11          <header>
12          <section id="company">
13          <div class="ribbon"></div>
14          <h1> Veri-Tech Technologies</h1>
15          <p>Welcome to Veri-tech Technologies, where a dedicated team of professionals work together to bring innovation, creativity and expertise to
16          <p>------------------------------------------------</p>
17          </header>
18      </body>
19
20          <h2>Meet Our team</h2>
21          <h3>Leadership / Management Team</h3>
22
23          <figure>
24              <img src="photo.jpg" alt="Employee"/>
25              <figcaption>Gojo</figcaption>
26              <figcaption>Founder</figcaption>
27          </figure>
28
29          <figure>
30              <img src="photo.jpg" alt="Employee"/>
31              <figcaption>Geto</figcaption>
32              <figcaption>CEO</figcaption>
33          </figure>
34
```

```html
                    </div>
                </section>

            </div>
            <div class="gallery-item">
                <img src="gallery3.jpg" alt="Gallery Image 3">
            </div>
        </div>

    </section>

    <section class="cta">
        <h2>Experience the Future</h2>
        <p>Reserve your Infiniti today and be part of the sustainable mobili
        <a href="#" class="cta-btn">Reserve Now</a>
        <section class="reserve">
            <h2>Reserve Your Infiniti</h2>
            <form id="reservation-form">
              <div class="form-group">
                <label for="name">Name:</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">Phone:</label>
                <input type="tel" id="phone" name="phone">
              </div>
              <button type="submit" class="cta-btn">Submit</button>
ection
```

```html
                </div>
              </section>

          </div>
          <div class="gallery-item">
            <img src="gallery3.jpg" alt="Gallery Image 3">
          </div>
        </div>
      </div>

section>

ection class="cta">
  <h2>Experience the Future</h2>
  <p>Reserve your Infiniti today and be part of the sustainable mobility revolution.</p>
  <a href="#" class="cta-btn">Reserve Now</a>
  <section class="reserve">
      <h2>Reserve Your Infiniti</h2>
      <form id="reservation-form">
        <div class="form-group">
          <label for="name">Name:</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">Phone:</label>
          <input type="tel" id="phone" name="phone">
        </div>
        <button type="submit" class="cta-btn">Submit</button>
```

```html
              <div class="form-group">
                <label for="phone">Phone:</label>
                <input type="tel" id="phone" name="phone">
              </div>
              <button type="submit" class="cta-btn">Submit</button>
            </form>
          </section>

        </section>
    </main>

    <footer>
      <div class="footer-content">
        <div class="footer-section">
          <h4>About</h4>
          <p>Learn more about our company and our mission to revolutionize sustainable mobility.</p>
          <a href="#">Read More</a>
        </div>
        <div class="footer-section">
          <h4>Contact</h4>
          <p>Have a question or need assistance? Get in touch with us.</p>
          <a href="#">Contact Us</a>
        </div>
        <div class="footer-section">
          <h4>Follow Us</h4>
          <ul class="social-icons">
            <li><a href="#"><img src="facebook.png" alt="Facebook"></a></li>
            <li><a href="#"><img src="twitter.png" alt="Twitter"></a></li>
            <li><a href="#"><img src="instagram.png" alt="Instagram"></a></li>
          </ul>
        </div>
      </div>
```

The button element represents a button labeled by i

MDN Reference

CSS:

```css
.cta-btn {
    display: inline-block;
    background-color: #007bff;
    color: #fff;
    text-decoration: none;
    padding: 1rem 2rem;
    border-radius: 5px;
    transition: background-color 0.3s ease;
}

.cta-btn:hover {
    background-color: #0056b3;
}

.hero-image {
    flex: 1;
    text-align: right;
}

.hero-image img {
    max-width: 100%;
    height: auto;
}

.features {
    background-color: #fff;
    padding: 4rem 1rem;
    max-width: 1200px;
    margin: 0 auto;
}

.gallery {
    background-color: #f8f9fa;
    padding: 4rem 1rem;
    max-width: 1200px;
    margin: 0 auto;
}
```

```css
40  nav ul li {
41      margin-left: 2rem;
42  }
43
44  nav ul li a {
45      text-decoration: none;
46      color: #333;
47      transition: color 0.3s ease;
48  }
49
50  nav ul li a:hover {
51      color: #007bff;
52  }
53
54  /* Hero section */
55  .hero {
56      background-color: #f8f9fa;
57      padding: 4rem 1rem;
58      display: flex;
59      justify-content: space-between;
60      align-items: center;
61      max-width: 1200px;
62      margin: 0 auto;
63  }
64
65  .hero-content {
66      flex: 1;
67  }
68
69  .hero-content h1 {
70      font-size: 3rem;
71      margin-bottom: 1rem;
72  }
73
74  .hero-content p {
75      font-size: 1.2rem;
76      margin-bottom: 2rem;
```

```css
  .cta {
      background-color: #007bff;
      color: #fff;
      padding: 4rem 1rem;
      text-align: center;
  }

  .cta h2 {
      font-size: 2rem;
      margin-bottom: 1rem;
  }

  .cta p {
      font-size: 1.2rem;
      margin-bottom: 2rem;
  }

  .feature-grid {
      display: grid;
      grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));
      grid-gap: 2rem;
  }

  .feature {
      text-align: center;
  }

  .feature img {
      max-width: 200px;
      margin-bottom: 1rem;
  }

  .video-section {
      padding: 4rem 1rem;
      text-align: center;
  }
```

```css
  .video-container {
      max-width: 800px;
      margin: 0 auto;
  }

  .video-container iframe {
      max-width: 100%;
      height: auto;
  }

.gallery-grid {
      display: grid;
      grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));
      grid-gap: 2rem;
}

.gallery-item img,
.gallery-item video {
      max-width: 100%;
      height: auto;
}

#reservation-form {
      max-width: 500px;
      margin: 0 auto;
}

.form-group {
      margin-bottom: 1rem;
}

.form-group label {
      display: block;
```

```css
21
22    .footer-section h4 {
23        margin-bottom: 1rem;
24    }
25
26    .footer-section a {
27        color: #fff;
28        text-decoration: none;
29    }
30
31    .footer-section a:hover {
32        text-decoration: underline;
33    }
34
35    .social-icons {
36        list-style: none;
37        display: flex;
38        padding: 0;
39        margin: 0;
40        justify-content: center;
41    }
42
43    .social-icons li {
44        margin: 0 10px;
45    }
46
47    .social-icons img {
48        max-width: 30px;
49        height: auto;
50    }
51
52    .footer-bottom {
53        text-align: center;
54    }
```

Javascript:

```javascript
const iframe = document.querySelector('iframe');
if ('allow' in iframe) {

  iframe.setAttribute('allow', 'accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture');
}

const form = document.getElementById('reservation-form');

form.addEventListener('submit', (event) => {
  event.preventDefault();


  const name = document.getElementById('name').value;
  const email = document.getElementById('email').value;
  const phone = document.getElementById('phone').value;


  if (name.trim() === '' || email.trim() === '') {
    alert('Please enter your name and email');
    return;
  }


  console.log('Form submitted:', { name, email, phone });


  form.reset();

  alert('Your reservation has been submitted successfully!');
});


const navLinks = document.querySelectorAll('nav ul li a');

navLinks.forEach(link => {
  link.addEventListener('click', (event) => {
```

```javascript
navLinks.forEach(link => {
  link.addEventListener('click', (event) => {
    event.preventDefault();
    const targetId = event.target.getAttribute('href');
    const targetElement = document.querySelector(targetId);

    if (targetElement) {
      targetElement.scrollIntoView({ behavior: 'smooth' });
    }
  });
});

window.addEventListener('scroll', () => {
  const heroImage = document.querySelector('.hero-image img');
  const scrollPosition = window.pageYOffset;

  heroImage.style.transform = `translateY(${scrollPosition * 0.5}px)`;
});
```

7. Learnings:

- All HTML documents must start with a document type declaration: <!DOCTYPE html>.
- The HTML document itself begins with <html> and ends with </html>.
- The visible part of the HTML document is between <body> and </body>.
- HTML headings are defined with the <h1> to <h4> tags.
- HTML paragraphs are defined with the <p> tag.
- HTML images are defined with the <img> tag. The source file (src), alternative text (alt), width, and height are provided as attributes the image tag doesn't require a closing tag.
- CSS is the language we use to style an HTML document.
- CSS describes how HTML elements should be displayed.

8. Project Update:

My Project task is to create a compelling Landing Page. I learned a lot of things from this Project, and this project has been completed successfully.

9.Output: