**HTML**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Niti's Portfolio</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <header>

        <div class="container">

            <div class="logo">

                <img src="images/profile-picture.jpg" alt="Profile Picture">

            </div>

            <nav>

                <ul>

                    <li><a href="#about">About Me</a></li>

                    <li><a href="#skills">Skills</a></li>

                    <li><a href="#projects">Projects</a></li>

                    <li><a href="#certificates">Certificates</a></li>

                    <li><a href="#experience">Experience</a></li>

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

                </ul>

            </nav>

        </div>

    </header>

    <section id="about" class="section">

        <div class="container">

            <h1>About Me</h1>

            <p>Hello! I'm Niti, an aspiring software engineer with a passion for technology and innovation. I have skills in HTML, CSS, Java, Python, MySQL, Machine Learning, IoT, and JavaScript. I am dedicated to learning and developing new solutions to solve real-world problems. My goal is to become a proficient software engineer and make a positive impact in the tech industry. Feel free to explore my projects and reach out if you want to know more about my work.</p>

        </div>

    </section>

    <section id="skills" class="section">

        <div class="container">

            <h1 class="centered">Skills</h1>

            <ul class="left-aligned">

                <li>HTML</li>

                <li>CSS</li>

                <li>Java</li>

                <li>Python</li>

                <li>MySQL</li>

                <li>Machine Learning</li>

                <li>IoT</li>

                <li>JavaScript</li>

            </ul>

        </div>

    </section>

    <section id="projects" class="section">

        <div class="container">

            <h1><strong><u>Projects</u></strong></h1>

            <p>These are the several projects under the following domains:</p>

            <h2>1. IoT (Internet of Things)</h2>

            <ul class="left-aligned">

                <li><strong>Soil Moisture Detection System</strong> <img src="images/soil-moisture.jpg" alt="Soil Moisture Detection System" class="project-image"></li>

            </ul>

            <h2>2. Machine Learning</h2>

            <ul class="left-aligned">

                <li><strong>Handwritten Digit Prediction</strong> <img src="images/handwritten-digit.jpg" alt="Handwritten Digit Prediction" class="project-image"></li>

                <li><strong>Movie Recommendation System</strong> <img src="images/movie-recommendation.jpg" alt="Movie Recommendation System" class="project-image"></li>

                <li><strong>Stock Market Prediction</strong> <img src="images/stock-prediction.jpg" alt="Stock Market Prediction" class="project-image"></li>

            </ul>

        </div>

    </section>

    <section id="certificates" class="section">

        <div class="container">

            <h1>Certificates</h1>

            <ul class="left-aligned">

                <li>Certificate of Participation in Workshop on Rocket Modelling By ISRO-IITR x Thrust Tech India</li>

                <li>Certificate of Workshop on Basics of Stock Market Investing by Groww</li>

                <li>Basics of HTML/CSS for Beginners</li>

            </ul>

        </div>

    </section>

    <section id="experience" class="section">

        <div class="container">

            <h1>Work Experience</h1>

            <ul class="left-aligned">

                <li>Interned at Thrust Tech Pvt. Ltd.</li>

                <li>Campus Ambassador at E-Cell IIT Bombay</li>

            </ul>

        </div>

    </section>

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

        <div class="container">

            <h1>Contact</h1>

            <ul class="left-aligned">

                <li>Email: agnihotriniiti28@gmail.com</li>

                <li>Contact Number: 7703836012</li>

                <li>LinkedIn: <a href="https://shorturl.at/RejAZ" target="\_blank">https://shorturl.at/RejAZ</a></li>

            </ul>

        </div>

    </section>

    <footer>

        <div class="container">

            <p>&copy; 2024 Niti. All rights reserved.</p>

        </div>

    </footer>

    <div id="lightbox" class="lightbox">

        <span class="close">&times;</span>

        <img class="lightbox-content" id="lightbox-img">

    </div>

    <script src="script.js"></script>

</body>

</html>

CSS

body {

    font-family: Arial, sans-serif;

    margin: 0;

    padding: 0;

    box-sizing: border-box;

    background-image: url('images/coding-background.jpg');

    background-size: cover;

    background-attachment: fixed;

    background-position: center;

    color: #fff;

}

.container {

    max-width: 1200px;

    margin: 0 auto;

    padding: 20px;

    background: rgba(0, 0, 0, 0.7);

    border-radius: 10px;

}

header {

    background-color: #007bff;

    color: white;

    padding: 10px 0;

}

header .container {

    display: flex;

    justify-content: space-between;

    align-items: center;

}

header .logo img {

    width: 70px;

    height: 70px;

    border-radius: 50%;

}

header nav ul {

    list-style: none;

    margin: 0;

    padding: 0;

    display: flex;

}

header nav ul li {

    margin-left: 20px;

}

header nav ul li a {

    color: white;

    text-decoration: none;

    font-weight: bold;

}

.section {

    padding: 40px 0;

}

h1 {

    font-size: 2em;

    margin-bottom: 20px;

}

h2 {

    font-size: 1.5em;

    margin-bottom: 15px;

}

p {

    margin-bottom: 20px;

}

.centered {

    text-align: center;

}

.left-aligned {

    text-align: left;

    list-style: none;

    padding: 0;

}

.left-aligned li {

    margin-bottom: 10px;

    display: flex;

    align-items: center;

}

.project-image {

    margin-left: 10px;

    width: 100px;

    height: auto;

    border-radius: 5px;

}

footer {

    background-color: #007bff;

    color: white;

    text-align: center;

    padding: 10px 0;

    margin-top: 20px;

}

.lightbox {

    display: none;

    position: fixed;

    z-index: 1000;

    padding-top: 60px;

    left: 0;

    top: 0;

    width: 100%;

    height: 100%;

    overflow: auto;

    background-color: rgba(0,0,0,0.9);

}

.lightbox-content {

    margin: auto;

    display: block;

    max-width: 80%;

}

.close {

    position: absolute;

    top: 30px;

    right: 35px;

    color: #f1f1f1;

    font-size: 40px;

    font-weight: bold;

    transition: 0.3s;

}

.close:hover,

.close:focus {

    color: #bbb;

    text-decoration: none;

    cursor: pointer;

}

Java Script

document.addEventListener('DOMContentLoaded', function() {

    const projectItems = document.querySelectorAll('.project-item');

    const lightbox = document.getElementById('lightbox');

    const lightboxImg = document.getElementById('lightbox-img');

    const closeBtn = document.querySelector('.close');

    projectItems.forEach(item => {

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

            lightbox.style.display = 'block';

            lightboxImg.src = this.querySelector('img').src;

        });

    });

    closeBtn.addEventListener('click', function() {

        lightbox.style.display = 'none';

    });

    lightbox.addEventListener('click', function(event) {

        if (event.target === lightbox) {

            lightbox.style.display = 'none';

        }

    });

});