**BASIC Web Development Project**

This repository contains three beginner-level web development tasks completed as part of my internship training. These projects demonstrate practical skills in HTML, CSS, JavaScript, image editing, and API integration.

**📁 Table of Contents**

* [Task 1: Product Landing Page](#task-1-product-landing-page)
* [Task 2: Basic Portfolio Website](#task-2-basic-portfolio-website)
* [Task 3: Weather Forecast Website](#task-3-weather-forecast-website)
* [Technologies Used](#technologies-used)
* Code
* [Author](#author)

**🌐 Task 1: Product Landing Page**

**Description:**  
A responsive product landing page designed using HTML and CSS. This page includes basic layout using Flexbox, and showcases a product with its description, call-to-action button, and image.

**Features:**

* Two-column layout for content and image
* Flexbox-based alignment
* Mobile-friendly structure
* Basic image editing (cropping and placement)

**Skills Used:**  
HTML, CSS, Image Editing

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Product Landing Page</title>

<style>

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: Arial, sans-serif;

background-color: #f9f9f9;

color: #333;

}

header {

background-color: #4CAF50;

color: white;

padding: 20px 40px;

text-align: center;

}

nav {

margin-top: 10px;

}

nav a {

margin: 0 15px;

color: white;

text-decoration: none;

font-weight: bold;

}

.landing {

display: flex;

flex-wrap: wrap;

justify-content: space-around;

align-items: center;

padding: 40px 20px;

}

.column {

flex: 1;

min-width: 300px;

padding: 20px;

}

.column img {

width: 100%;

max-width: 400px;

border-radius: 10px;

}

.column h1 {

font-size: 2.5rem;

margin-bottom: 20px;

}

.column p {

font-size: 1.1rem;

margin-bottom: 20px;

}

button {

padding: 10px 20px;

font-size: 1rem;

background-color: #4CAF50;

color: white;

border: none;

border-radius: 5px;

cursor: pointer;

transition: background-color 0.3s;

}

button:hover {

background-color: #45a049;

}

footer {

text-align: center;

padding: 20px;

background-color: #333;

color: white;

margin-top: 40px;

}

</style>

</head>

<body>

<header>

<h1>Smart Gadget</h1>

<nav>

<a href="#features">Features</a>

<a href="#pricing">Pricing</a>

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

</nav>

</header>

<section class="landing">

<div class="column">

<h1>Revolutionary Smart Gadget</h1>

<p>Discover the latest in tech innovation. This smart gadget is designed to make your life easier, faster, and more connected.</p>

<button>Buy Now</button>

</div>

<div class="column">

<img src="https://via.placeholder.com/400" alt="Smart Gadget">

</div>

</section>

<footer>

&copy; 2025 Smart Gadget. All rights reserved.

</footer>

</body>

</html>

**🙋‍♀️ Task 2: Basic Portfolio Website**

**Description:**  
A personal portfolio website created to display my professional profile. It includes sections like "About Me", "Projects", and "Contact".

**Features:**

* Responsive header with navigation
* Simple, clean layout
* Social media integration (LinkedIn, GitHub)
* Placeholder for project details and experience

**Skills Used:**  
HTML, CSS, UX Design, Responsive Design, Icons

**Code :**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Shaik Hasheera | Portfolio</title>

  <style>

    \* {

      margin: 0;

      padding: 0;

      box-sizing: border-box;

    }

    body {

      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

      background-color: #f5f5f5;

      color: #333;

    }

    header {

      background-color: #333;

      color: #fff;

      padding: 30px 20px;

      text-align: center;

    }

    header h1 {

      font-size: 2.5rem;

    }

    nav a {

      color: #fff;

      text-decoration: none;

      margin: 0 15px;

      font-weight: bold;

    }

    section {

      padding: 40px 20px;

    }

    h2 {

      font-size: 2rem;

      margin-bottom: 20px;

      color: #4CAF50;

    }

    .project-list li {

      margin-bottom: 10px;

      list-style: circle;

    }

    .social-icons a {

      margin-right: 15px;

      text-decoration: none;

      color: #4CAF50;

    }

    footer {

      background-color: #333;

      color: white;

      text-align: center;

      padding: 20px;

    }

  </style>

</head>

<body>

  <header>

    <h1>Shaik Hasheera</h1>

    <p>Web Developer | CSE Student | Tech Enthusiast</p>

    <nav>

      <a href="#about">About</a>

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

      <a href="#contact">Contact</a>

    </nav>

  </header>

  <section id="about">

    <h2>About Me</h2>

    <p>Hello! I'm Shaik Hasheera, a passionate web developer currently pursuing B.Tech in Computer Science and Engineering. I specialize in creating responsive and user-friendly websites using HTML, CSS, and JavaScript. I love building interactive web applications and constantly learning new technologies.</p>

  </section>

  <section id="projects">

    <h2>Projects</h2>

    <ul class="project-list">

      <li><strong>Product Landing Page:</strong> A promotional landing page for a smart gadget using Flexbox layout.</li>

      <li><strong>Weather Forecast App:</strong> A dynamic web app fetching 5-day forecast using OpenWeather API.</li>

    </ul>

  </section>

  <section id="contact">

    <h2>Contact</h2>

    <p>Feel free to reach out through my social profiles:</p>

    <div class="social-icons">

      <a href="https://github.com/shaikhasheera" target="\_blank">GitHub</a>

      <a href="https://linkedin.com/in/shaikhasheera" target="\_blank">LinkedIn</a>

      <a href="mailto:shaikhasheera2004@gmail.com">Email</a>

    </div>

  </section>

  <footer>

    <p>&copy; 2025 Shaik Hasheera. All rights reserved.</p>

  </footer>

</body>

</html>

**🌦️ Task 3: Weather Forecast Website**

**Description:**  
This is a real-time weather forecast web application that allows users to input a city name and get weather updates for the next 5 days. It uses the OpenWeatherMap API to fetch weather data.

**Features:**

* City-based weather search
* Integration with OpenWeatherMap API
* JavaScript-based API handling
* Displays next 5 forecasts
* Extensible to detect user’s location via Geolocation API

**Skills Used:**  
JavaScript, HTML, API Integration, ReactJS (optional), Node.js (for backend if extended)

**🛠 Technologies Used**

* HTML5
* CSS3
* JavaScript (Vanilla)
* OpenWeatherMap API
* Responsive Web Design
* ReactJS (optional extension for Task 3)
* Image editing tools (Photopea, Canva)

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Weather Forecast App</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      background: linear-gradient(to right, #83a4d4, #b6fbff);

      color: #333;

      margin: 0;

      padding: 20px;

      text-align: center;

    }

    h1 {

      margin-bottom: 30px;

    }

    input[type="text"] {

      padding: 10px;

      font-size: 16px;

      width: 250px;

      margin-right: 10px;

      border-radius: 5px;

      border: 1px solid #ccc;

    }

    button {

      padding: 10px 20px;

      font-size: 16px;

      background-color: #4CAF50;

      color: white;

      border: none;

      border-radius: 5px;

      cursor: pointer;

    }

    button:hover {

      background-color: #45a049;

    }

    .weather-container {

      margin-top: 30px;

      display: flex;

      flex-wrap: wrap;

      justify-content: center;

      gap: 20px;

    }

    .forecast {

      background: white;

      padding: 15px;

      border-radius: 8px;

      width: 200px;

      box-shadow: 0 2px 5px rgba(0,0,0,0.1);

    }

  </style>

</head>

<body>

  <h1>Weather Forecast App</h1>

  <input type="text" id="cityInput" placeholder="Enter city name">

  <button onclick="getWeather()">Get Forecast</button>

  <div class="weather-container" id="forecast"></div>

  <script>

    async function getWeather() {

      const city = document.getElementById("cityInput").value;

      const apiKey = "Myweather04"; // Replace with your OpenWeatherMap API key

      const url = `https://api.openweathermap.org/data/2.5/forecast?q=${city}&appid=${apiKey}&units=metric`;

      try {

        const response = await fetch(url);

        const data = await response.json();

        const forecastContainer = document.getElementById("forecast");

        forecastContainer.innerHTML = "";

        const forecastList = data.list.filter((item, index) => index % 8 === 0);

        forecastList.forEach(item => {

          const date = new Date(item.dt\_txt);

          const day = date.toLocaleDateString('en-US', { weekday: 'long', month: 'short', day: 'numeric', year: 'numeric' });

          const temp = item.main.temp;

          const weather = item.weather[0].description;

          const forecastHTML = `

            <div class="forecast">

              <h3>${day}</h3>

              <p><strong>Temp:</strong> ${temp}&deg;C</p>

              <p><strong>Condition:</strong> ${weather}</p>

            </div>

          `;

          forecastContainer.innerHTML += forecastHTML;

        });

      } catch (error) {

        document.getElementById("forecast").innerHTML = `<p>Error fetching weather data. Please try again.</p>`;

      }

    }

  </script>

</body>

</html>