4 Sites, 4 Hosts

Web Development Portfolio Project

Generated: November 18, 2025

GitHub: https://github.com/SK1P2ER/IH15-No06

Project Overview

This project showcases four completely different static websites, each deployed on a different hosting platform to demonstrate deployment versatility and modern web development skills.

Site 1: Personal Portfolio

Platform: GitHub Pages
Tech Stack: HTML5, CSS3, JavaScript
Features: Dark/Light theme toggle, typing animation, animated skill bars, responsive design, smooth scroll navigation, project showcase, contact form

Site 2: Weather Dashboard

Platform: Netlify
Tech Stack: HTML5, CSS3, JavaScript (Fetch API)
Features: Mock weather API with 5 cities, city search, temperature toggle, 5-day forecast, live clock, detailed weather stats

Site 3: Recipe Collection

Platform: Vercel
Tech Stack: HTML5, CSS3 (3D transforms), JavaScript
Features: 5 vegan recipes, 3D flip card animations, category filtering, grid/list view toggle, parallax hero, keyboard navigation

Site 4: Click Master Game

Platform: Azure Static Web Apps
Tech Stack: HTML5, CSS3, JavaScript (Web Audio API)
Features: 3 difficulty levels, sound effects, combo system, top 10 leaderboard, statistics tracking, particle effects, keyboard shortcuts

Technologies Used

Technology	Purpose
HTML5	Semantic markup, forms, structure
CSS3	Flexbox, Grid, animations, transforms
JavaScript ES6+	DOM manipulation, Web APIs
Web Audio API	Sound effects in game
LocalStorage	Data persistence
Fetch API	Mock API requests
Intersection Observer	Scroll animations

Site Comparison

Aspect	Portfolio	Weather	Recipes	Game
Color Theme	Purple/Dark	Sky Blue	Green	Red/Purple
Layout	Sections	Cards	Flip Cards	Centered
Animation	Fade/Slide	Float/Spin	3D Flip	Particles
Data Source	Static	Mock API	Static	User Input
Hosting	GitHub Pages	Netlify	Vercel	Azure

Project Structure

```
my_first_pj/
███ site1-portfolio/ (HTML, CSS, JS)
███ site2-weather/ (HTML, CSS, JS)
███ site3-recipes/ (HTML, CSS, JS)
███ site4-game/ (HTML, CSS, JS)
███ README.md
```

Learning Outcomes

- Frontend Development: HTML, CSS, JavaScript
- Deployment Skills: 4 different platforms
- DevOps Basics: Git, CI/CD, GitHub Actions
- Design Principles: Responsive design, UX
- Problem Solving: API integration, state management

Project Statistics

Metric	Value
Total Files	17 files
Lines of Code	6,791 lines
HTML Files	4
CSS Files	4
JavaScript Files	4
Hosting Platforms	4
Technologies Used	10+