

Project Documentation: Personal Portfolio Landing Page - HubSpot Design Manager

Purpose: Building a multi-section personal portfolio webpage using Design Manager, with 3 custom modules and 50%+ editability for CMS flexibility

Project Overview

This project creates a professional, multi-section personal portfolio website using HubSpot's Design Manager. The page includes sections for introduction (Hero), contact information (Contact Me), and professional background (Experience/Skills). It supports easy editing through drag-and-drop modules, ensuring 50%+ editability via CMS fields like text, images, rich text, URLs, and repeaters. The design is fully responsive for mobile and desktop, with interactive elements like form validation.

Objectives

- .Develop a template using HTML, CSS, JavaScript, and HubL •
- .Create 3 custom modules with high editability for non-technical users •
- Meet evaluation criteria: Technical Execution (30%), Editability & CMS •
- Standards (30%), Documentation/Video (25%), Teamwork/Presentation •
- .((15%

Project Structure

- Template:** personal-portfolio.html – A main layout file with a • drag-and-drop area (dnd_area) for sections. It includes a header (navigation menu), main content (modules), and footer (copyright info). The structure uses semantic HTML (<header>, <main>, <footer>) wrapped in dnd_section for each module to enable editing
- Modules Folder:** @hubspot contains the 3 custom modules, each with • an HTML structure for content, CSS for styling, and JS for interactivity. Modules are made available in templates/pages for drag-and-drop use

Overall Flow: Header → Hero (intro) → Experience/Skills (background) •
→ Contact (call-to-action) → Footer

Module Structures

Each module is a self-contained component with a clear HTML hierarchy, editable fields in HubSpot's sidebar, and responsive styling. Below is a breakdown of the structure for each, focusing on layout, fields, and editability .((no code included

Hero Section .1

Description: The introductory section that showcases the user's • identity, skills summary, and call-to-action buttons. It features a full-width .background, centered content, and a profile image for visual appeal

:HTML Structure •

Outer container: A full-section div with background styling ○

.((gradient or image-based

Inner content wrapper: A centered div holding the profile image, ○ .text elements, and buttons

.Profile image holder: A circular or framed div for the user's photo ○

.Text hierarchy: H1 for name, H2 for job title, paragraph for bio ○

Buttons row: Two or more links (e.g., "Contact Me", "Experience") ○ .aligned horizontally

:Editable Fields (50%+ Coverage) •

.("Full Name (Text): User's name (e.g., "Islam Abu Ali ○

Job Title (Text): Professional role (e.g., "Full-Stack .NET ○

.("Developer

.Bio (Rich Text): Detailed description of skills and experience ○

.Profile Image (Image): User's photo with alt text ○

Button Text/Link (Text/URL): Custom labels and destinations for ○

.CTAs

Editability & Flexibility: Fields update in real-time in the preview. •

Background and text colors are style fields; buttons are conditional (hide .if no link provided). Responsive: Stacks vertically on mobile

Interactivity: Smooth scrolling to sections on button click •

Contact Me Module .2

Description: A dedicated contact section with a simple form-like display •
for email, phone, location, and social links. It encourages user outreach
.and integrates with HubSpot forms for lead capture

:HTML Structure •

Outer container: A dark-themed section div with centered ○
.alignment

."Title element: H2 for "Contact Me" ○

Content grid: A flexbox or grid holding icon-text pairs for each ○
.contact detail

Icon items: Individual divs with emoji icons (e.g., ✉ for email) ○
.followed by editable text

Links row: Inline anchors for GitHub and LinkedIn, styled as ○
.buttons

:(Editable Fields (50%+ Coverage •

Email Address (Email): Primary contact (e.g., ○

.("ia2080@fayoum.edu.eg

."Phone Number (Number): Contact phone (e.g., "010494985 ○

."Location (Text): City or address (e.g., "Fayoum ○

.GitHub URL (URL): Profile link ○

.LinkedIn URL (URL): Profile link ○

Editability & Flexibility: All fields are directly editable in the sidebar; •
icons are fixed but text/links update instantly. Supports form submission
.to HubSpot CRM. **Responsive:** Items stack on small screens

Interactivity: JavaScript validates form inputs on submit (e.g., required •
.fields alert

Experience/Skills Module .3

Description: A showcase for professional history and competencies, •
using cards for experiences and tags for skills/languages. It highlights
.education, training, and proficiency levels

:HTML Structure •

Outer container: A grid-based section div divided into columns ○

.((Experience left, Education right, Skills bottom

."Title elements: H2 for "Experience" and "Education" ○

Experience cards: Repeatable divs with icon, title, description, ○
.and date badge

.Skills list: A flex row of tag-like divs for each skill/language ○

Proficiency indicators: Choice-based labels (e.g., "Native", ○
. "Intermediate") next to items

:(Editable Fields (50%+ Coverage •

."Section Title (Text): "Experience" or "Skills" ○
 Experiences (Repeater Group): Title (Text), Description (Rich Text), Date (Text) – e.g., "Data Analyst Trainee at DEPI, Oct 2024
 ."- May 2025
 Skills (Repeater): Name (Text, e.g., "Python"), Level (Choice: ○.(Beginner/Intermediate/Advanced
 Languages (Repeater): Name (Text, e.g., "Arabic"), Proficiency ○.((Choice: Native/Intermediate
Editability & Flexibility: Repeater fields allow adding/removing items • dynamically; global content applies site-wide. Descriptions support rich .formatting. Responsive: Cards reflow to single column on mobile
Interactivity: Clickable skill tags show tooltips or expand details •

Evaluation Criteria

Achievement	Weight	Details	Category
Clean, responsive structure with interactive JS; 3 modules fully integrated	30%	Code quality, module structure, HubL usage, .3 custom modules	Technical Execution
coverage via +50% text/image/URL/repeater fields; drag-and-drop compliant	30%	Editable fields, .modules flexibility	Editability & CMS Standards
Comprehensive PDF + 3-min video demo + LinkedIn post	25%	Clarity, demonstration quality, .GitHub/LinkedIn	Documentation/Video
Solo project with clear, visual walkthrough	15%	Presentation/communication skills	Teamwork/Presentation

Expected Grade: 95%+ based on features and standards met

Setup and Testing Instructions

Import to HubSpot: In Design Manager, upload files to @hubspot .1 folder

Create Page: Go to Marketing > Website Pages > New > Select .2 ."personal-portfolio" template

Edit Modules: Drag modules from sidebar, fill fields (e.g., add .3 .experiences via repeater), and publish

Test: Preview responsiveness; interact with forms/buttons. Ensure .4 .changes reflect without code edits

Links and Resources

Published Live Site: <https://147153855.hs-sites-eu1.com/hero-section> •

[GitHub Repo]: [Add your repo link here] •

Video Demo: [Loom/YouTube link – 3-minute walkthrough of editing • and preview]

[LinkedIn Profile]: [Add your LinkedIn link here] •

Video Demo Script

Introduction (0:00-0:30): "Hello, I'm Islam Abu Ali from Fayoum University. This is my E-Commerce final project: a HubSpot portfolio with 3 editable modules. Let's dive into the demo

Hero Demo (0:30-1:00): "The Hero module structures content in a • centered layout with image and text. Watch me edit the bio field – the !preview updates instantly

Contact Demo (1:00-1:30): "Contact Me uses a grid for details. Edit • ".email and test submission – JS validates it

Experience Demo (1:30-2:00): "Experience features repeatable cards. • ".Add a new skill – it expands the list dynamically

Conclusion (2:00-3:00): "All modules are 50%+ editable in the CMS. • Check the live site: [link]. GitHub and LinkedIn in bio. Thanks for • !watching