

Title

Responsive Portfolio Website Assignment

Introduction

This assignment focuses on designing a responsive one-page portfolio website implementing modern CSS techniques such as Flexbox, Grid, media queries, animations, and scalable CSS units.

Header & Hero Design

Flexbox is used to align logo and navigation links efficiently. The hero section contains animated role text (color-changing) on the left and profile avatar on the right. On small screens, the layout stacks text above image.

Skills & Projects Grid

CSS Grid structures the Skills and Projects sections using cards arranged into columns which shift responsively from 3-column desktop to 1-column mobile.

Animations & Interactivity

At least one keyframe animation is applied on role text. Navigation links, buttons, and cards include hover effects using transitions and transform scale.

Responsive Breakpoints

Mobile-first design uses breakpoints at 480px (mobile), 768px (tablet), 1024px (desktop). Relative units: rem, %, vw/vh are applied.

Color & Typography

Consistent 2–3 color theme ensures hierarchy. Google Fonts like 'Poppins' or 'Inter' keep design modern.

Contact Form & Footer

A responsive contact form with proper spacing is included. Footer contains copyright and social links.

Expected Output

A final website that is responsive across devices, interactive with animations, and professionally structured.

Performance Metrics

Marks breakdown: Flexbox & Grid (1), Responsive Design (1), Relative Units (1), Animation & Effects (1), Code Quality (1).