

Michał Kowalczyk

Report
Web Site Development / Arvind Sharma

09/12/2025

My Final Project Website

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1 Introduction

I built a creative agency website which will help them to showcase their services, share their contacts and collect the inquiries from potential customers.

2 Methods

During the creation I used the semantic structure to make website is accessible and well parsed by SEO robots.

The main components include main sections, e.g. header, footer, navigation, cards and contact form.

Because it is a creative agency, I picked warm coffee pallet and soft shadows and gradients.

The open-source images with similar colours were used to increase expressiveness of the website.

To make sure website is responsive I used responsive grid system (rows and columns), responsive padding, flexbox and other utilities.

3 Bootstrap

The website uses a lot of Bootstrap components to make sure it is consistent and responsive. Besides grid system and responsive utilities, I used navigation bar with toggle, buttons, badges and Bootstrap Icon (for social media).

To make sure the website stands out for "What we do section" I implemented custom cards with additional styling in styles.css.

4 Responsiveness

Responsiveness was achieved using mobile first Bootstrap grid (e.g. col, col-md, col-lg), different containers, spacing and gapping utilities that adjust based on screen size.

To make sure images are responsive I utilised "img-fluid" class.

For mobile screen size I added custom font-size and text alignment to make sure it looks the best.

Viewport scaling was set as well to make sure the website scales correctly on devices.

5 Challenges

The main challenge was picking warm colours and soft shadows and applying them to BS elements to make a visually appealing website.

Another one was making sure hero text scales correctly on smaller screen sizes and don't overwhelm the page. This is where I used media query.

It was challenging to forget about accessibility: to add aria labels in proper places, validation attributes, alt property values.

6 Learning

Bootstrap allows you to speed up creating and theming a website. It supports mobile-first approach which changes the way how you think about designing a website. The responsive layout comes out first.

However, Bootstrap has limitation and in places where it falls short you must extend it with new styling. You may need to change colours, adapt text alignment or override default plain colours with gradients or shadow to make sure website does not look like a default bootstrapped one.

7 Self-assessment

Grade: 5

The website is responsive and accessible. It nicely communicates the spirit of design agency.

The website could be improved by hooking the contact form to a server, so inquiries are stored somewhere.

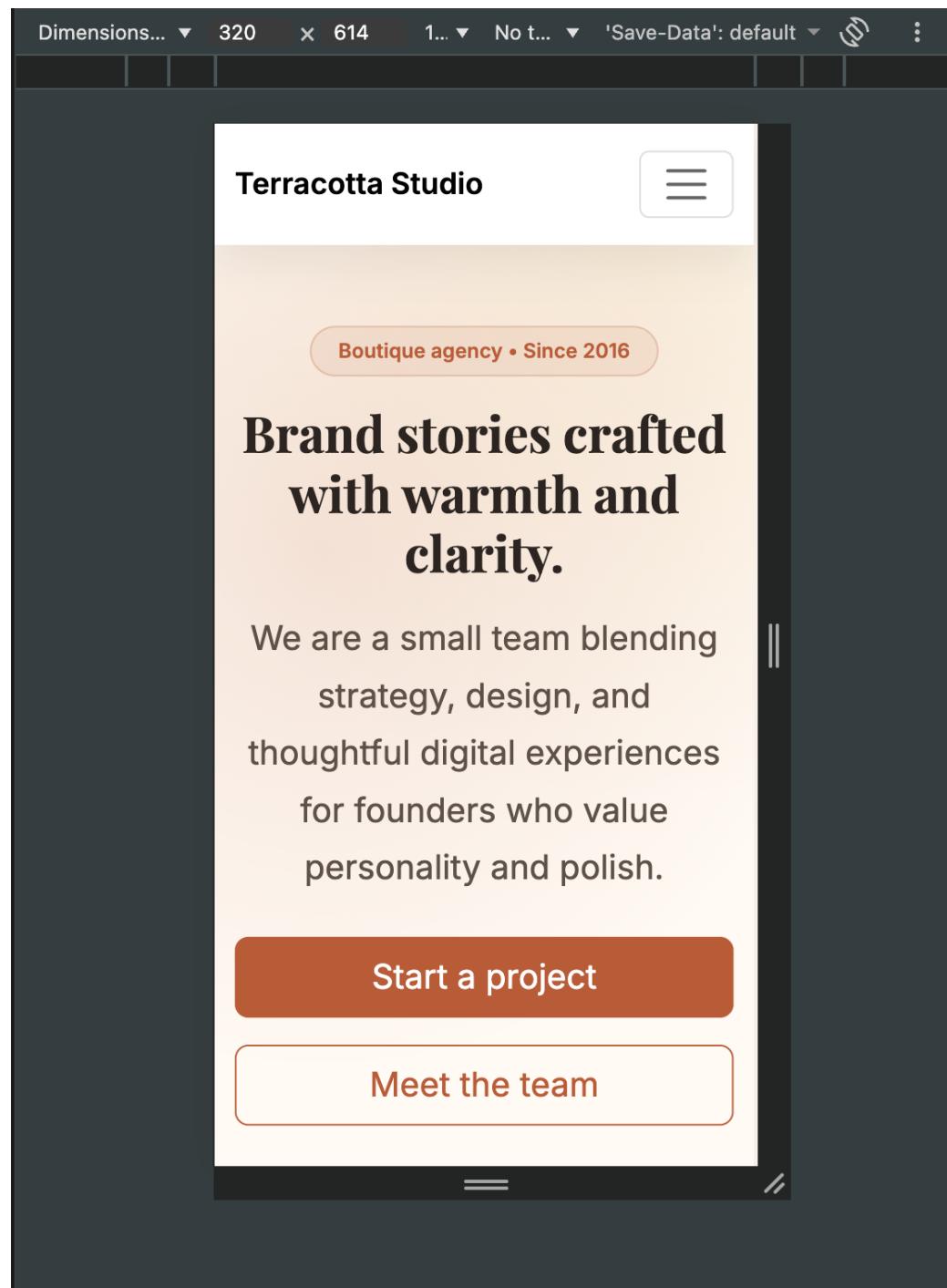


Figure 1: Responsiveness demonstration

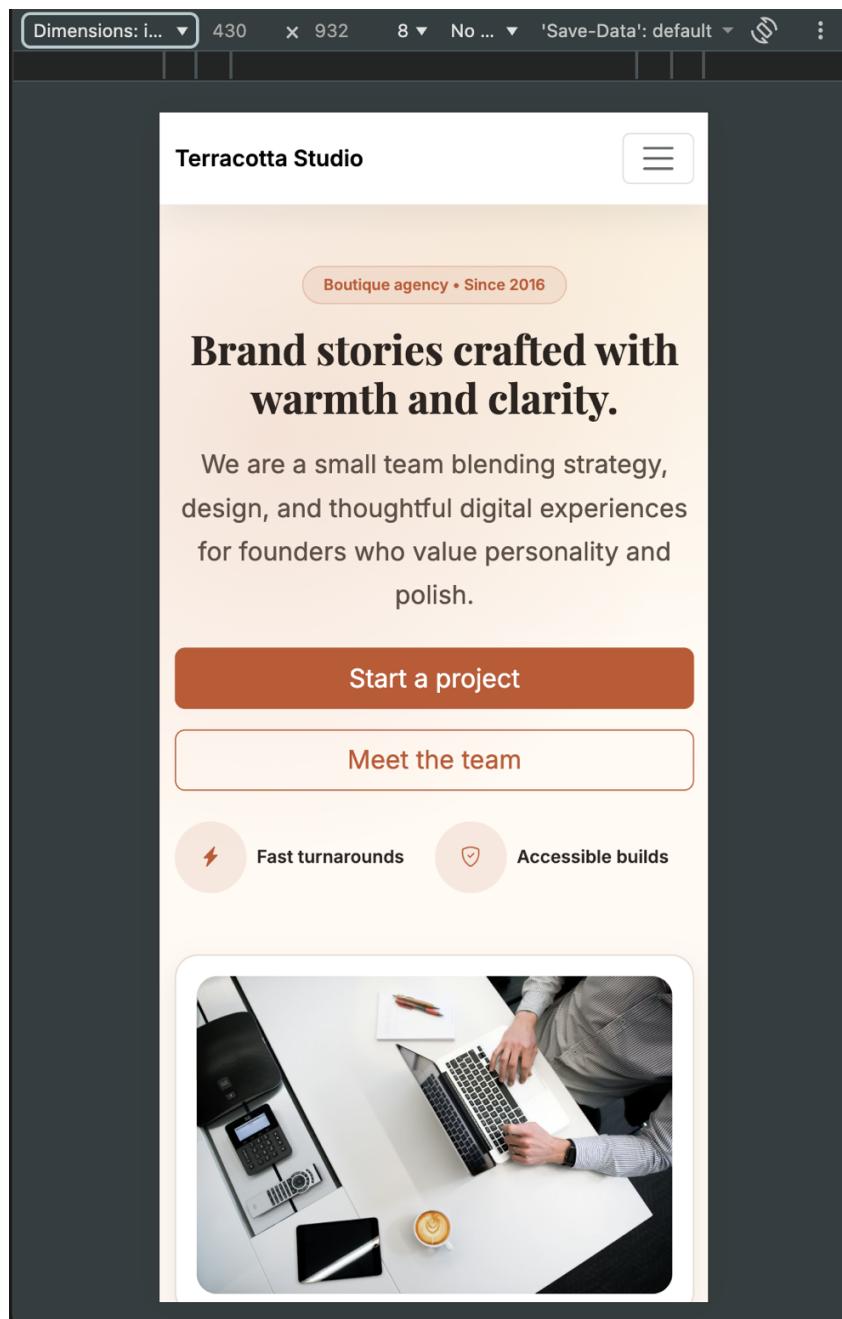


Figure 2: Responsiveness demonstration

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