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Report

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My Final Project Website

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Project Overview

I chose option 1 so I used the previous assignment where I built a portfolio website to show my skills in web development. The website includes my projects, skills, and a contact form. I chose this type because it lets me show my work clearly and practice HTML, CSS, and Bootstrap 5.

HTML & CSS Features

- Used semantic HTML: <header>, <nav>, <section>, <footer>.
- External CSS file for colors, fonts, and layout (styles.css).
- Google Fonts: Montserrat for headings, Segoe UI for body.
- Bootstrap grid and Flexbox for responsive layout.
- Responsive images using img-fluid.
- Added spacing and utility classes from Bootstrap for margins and paddings.

Bootstrap Components Used

- **Navbar:** Responsive with toggler for mobile.
- **Cards:** Showcased my projects.
- **Progress Bars and Badges:** Skills section.
- **Forms and Buttons:** Contact page.

These components made the website look professional and responsive without much extra code.

Responsiveness

- The website works on desktop, tablet, and mobile.
- Hero section scales and text stays readable.
- Project cards stack on mobile.
- Contact form fields adjust to screen size.

I tested responsiveness using Chrome DevTools. Screenshots are included in the appendix.

Custom CSS

- Hero section has a background image with a dark overlay for readability.
- Buttons and cards have hover effects.
- Color palette: Primary blue, secondary gray, accent yellow, light background.
- Fonts: Montserrat for headings, Segoe UI for body.

Custom CSS keeps the website unique while keeping Bootstrap's responsive layout.

Accessibility

- All images have descriptive alt text.
- Buttons and links include aria-label where needed.
- Text contrast is high for readability.
- Lighthouse report is included in appendix.

Appendices

Appendices have not been included in this quick translation or this version of the template. If you would like to include appendices, use the regular template included in the list of document templates on the English side of Student Intranet.

Challenges & Solutions

Text on hero image hard to read ➔ Added dark overlay

Project cards spacing on mobile ➔ Used Bootstrap grid and mb-4 classes

Navbar toggler alignment ➔ Used navbar-expand-lg and ms-auto

Consistent colors ➔ Created color palette in CSS.

Learning Reflection

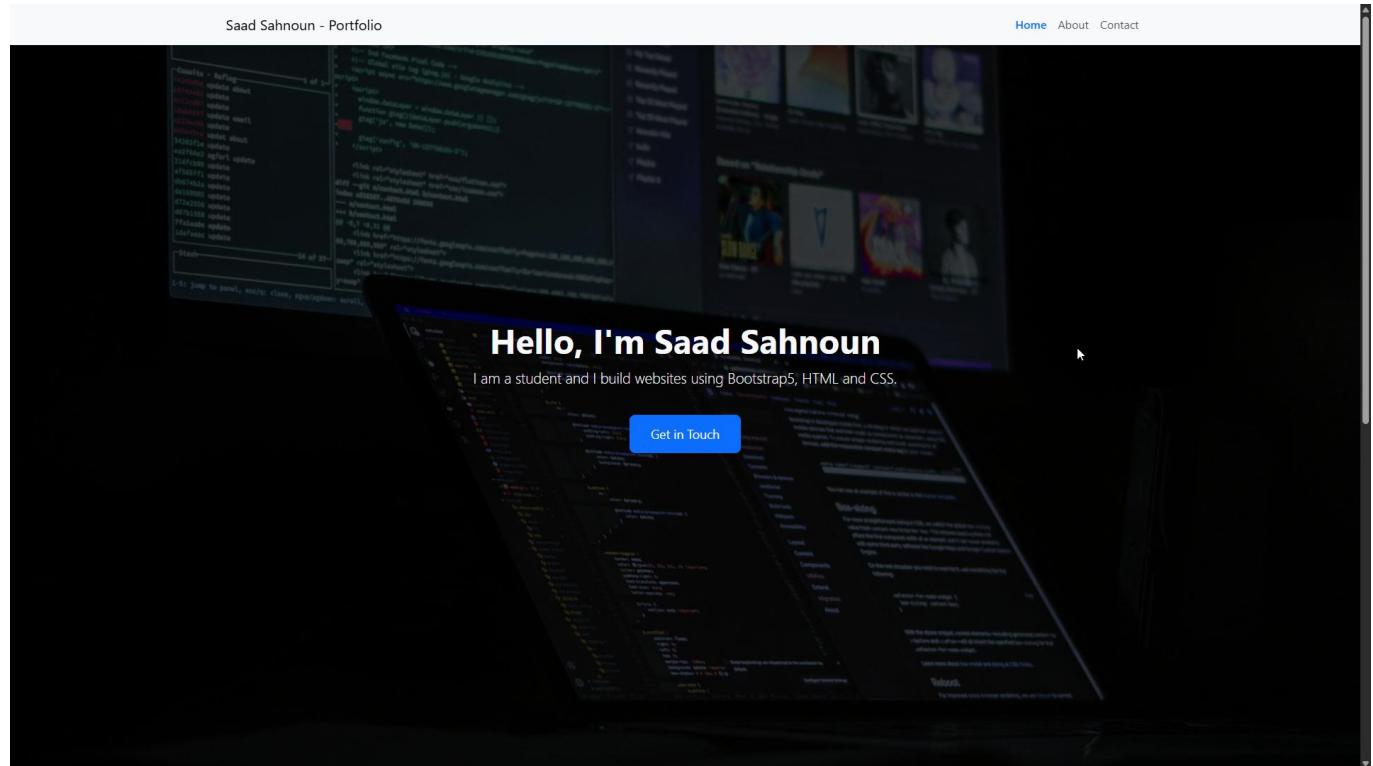
I learned how to combine Bootstrap components with custom CSS. I improved my skills in responsive design, accessibility, and organizing multiple pages with relative file paths. I also learned to test websites on different devices.

Self-Assessment

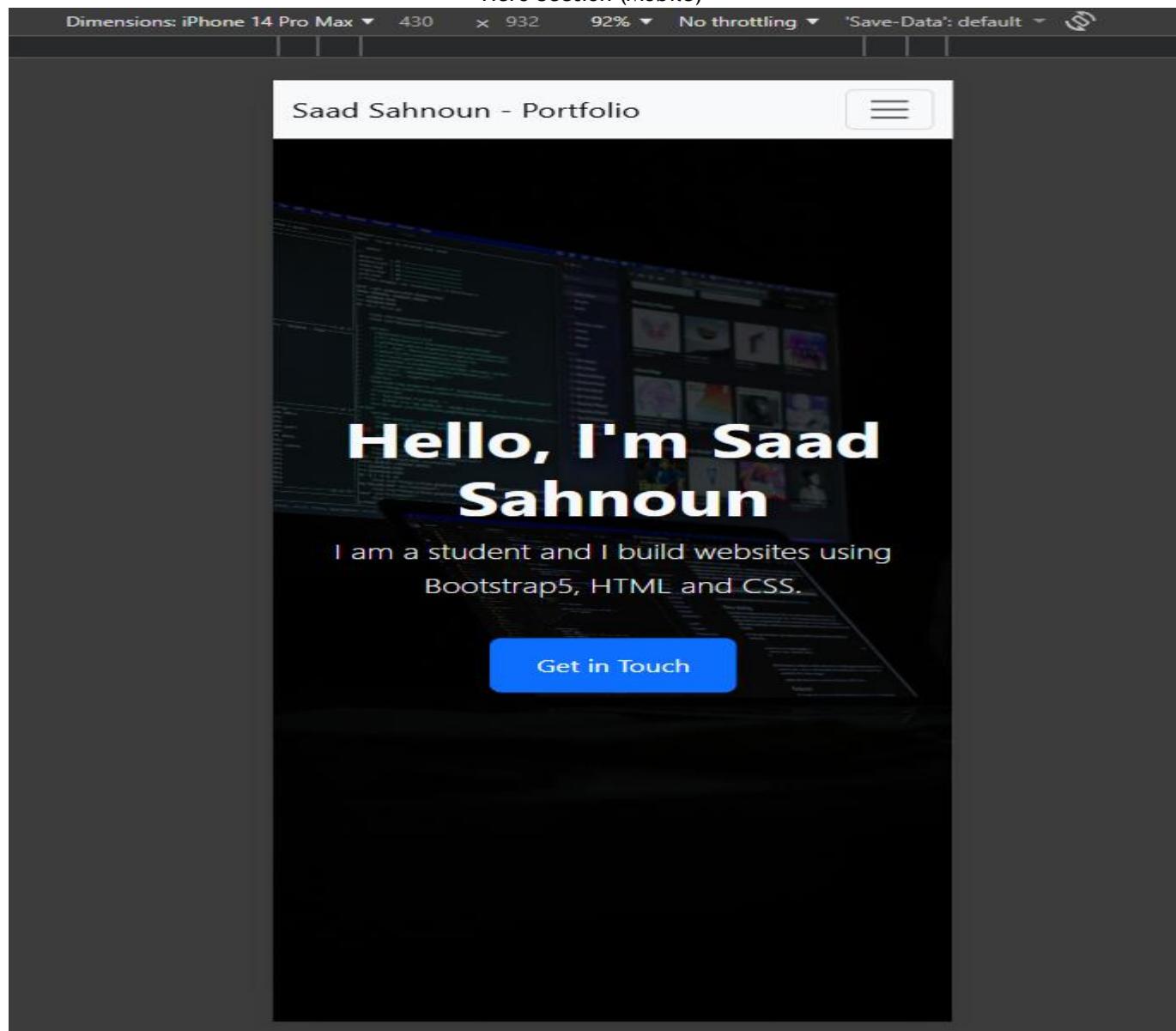
I would give myself 4,5/5. The website is fully functional, responsive, visually appealing, and uses Bootstrap correctly. Custom CSS makes it personal. Accessibility and responsiveness have been checked.

Appendix - Screenshots

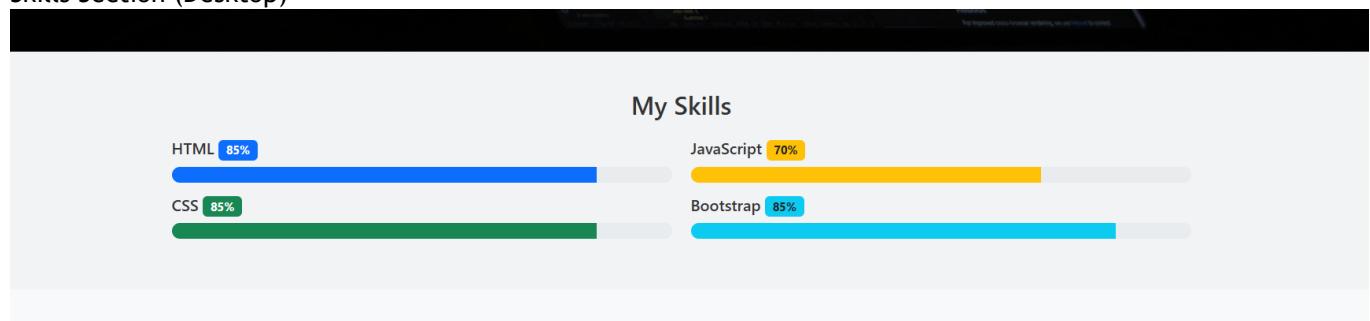
Hero Section (Desktop)



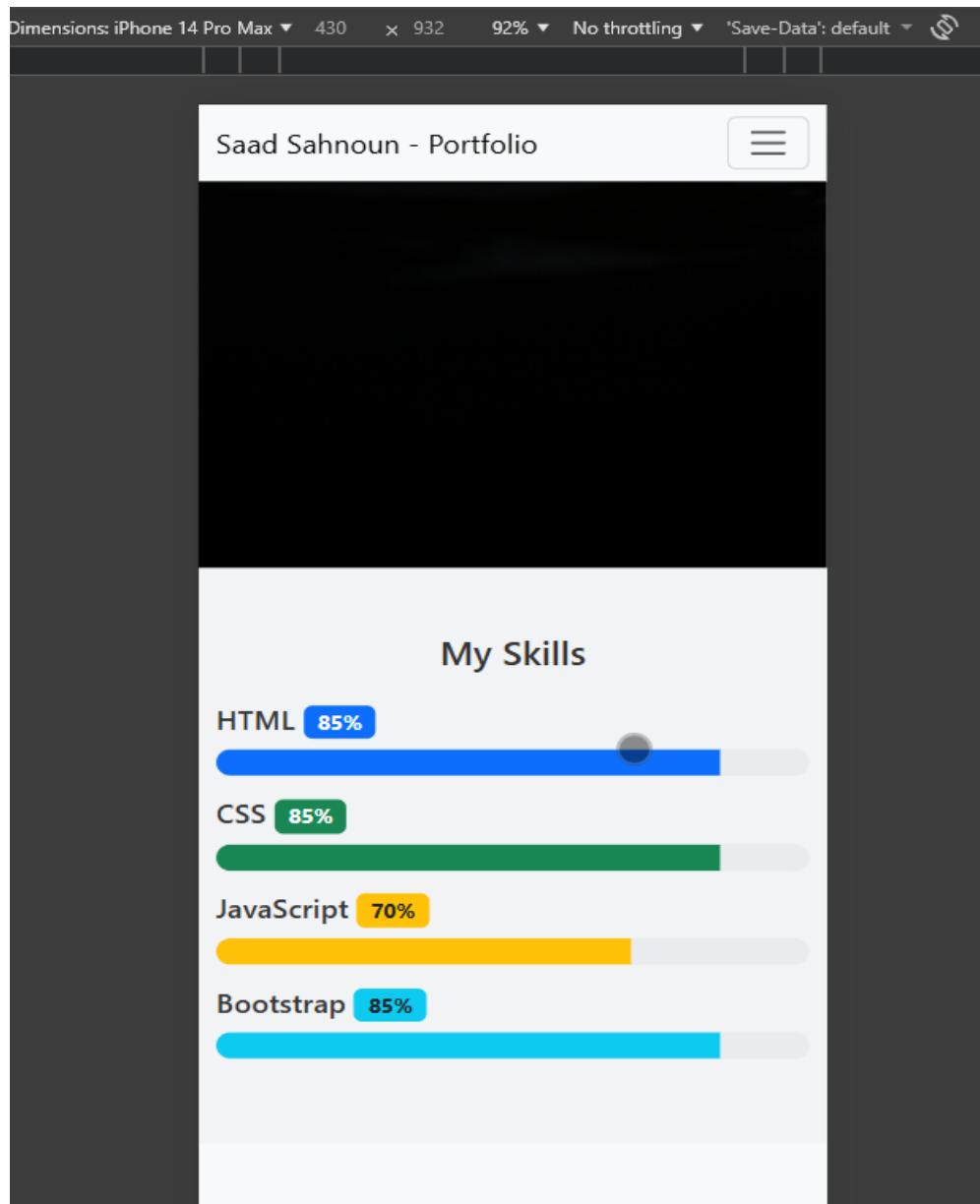
Hero Section (Mobile)



Skills Section (Desktop)

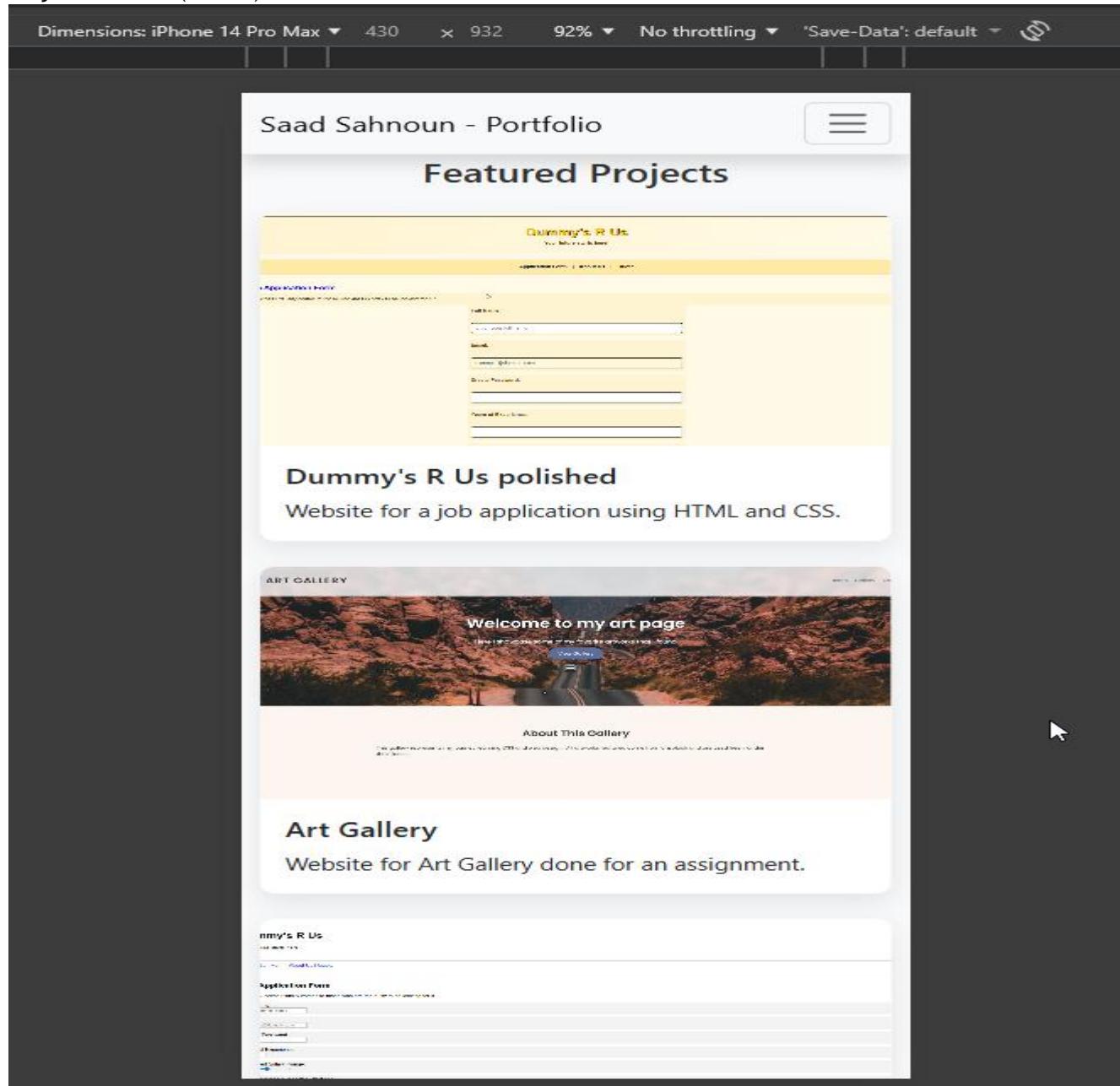


Skills Section (Mobile)



Projects Section (Desktop)

A screenshot of a desktop browser window showing the 'Featured Projects' section of the portfolio website. The section is titled 'Featured Projects' with a small arrow icon. It contains three items, each represented by a card: 1. 'Dummy's R Us polished': Shows a screenshot of a job application form with various input fields. Description: 'Website for a job application using HTML and CSS.' 2. 'Art Gallery': Shows a screenshot of an art gallery website with a landscape image. Description: 'Website for Art Gallery done for an assignment.' 3. 'Dummy's R Us beta': Shows a screenshot of a beta version of the website. Description: 'Website for job applications using HTML.' At the bottom of the page is a dark footer bar with the text '© 2025 Saad Sahnoun. All rights reserved.' and two small icons.

Projects Section (Mobile)

Contact Form (Desktop)

The screenshot shows a contact form titled "Contact Me". It includes fields for Name (placeholder: Name Lastname), Email (placeholder: example@example.com), and a large Message area with a placeholder "I". A blue "Send Message" button is at the bottom left. Social media icons for LinkedIn and Twitter are at the bottom right. The top navigation bar has links for Home, About, and Contact.

Saad Sahnoun - Portfolio

Home About **Contact**

Contact Me

Name
Name Lastname

Email
example@example.com

Message
I

Send Message

in

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Contact Form (Mobile)

Dimensions: iPhone 14 Pro Max ▾ 430 × 932 92% ▾ No throttling ▾ 'Save-Data': default ▾ ⏱

Saad Sahnoun - Portfolio

Contact Me

Name

Email

Lighthouse Accessibility Report

The screenshot shows the Lighthouse Accessibility Report interface. On the left, there is a preview of the website 'Saad Sahnoun - Portfolio' on an iPhone 14 Pro Max. The website features a dark theme with a large 'Hello, I'm Saad Sahnoun' heading and a 'Get in Touch' button. On the right, the audit results are displayed in a card-based format.

Performance: 14/17 (Passed)

Accessibility: 4/4 (Passed)

Best Practices: 5/6 (Passed)

SEO: 90-100 (Passed)

PASSED AUDITS (1): Image elements have explicit width and height.

ACCESSIBILITY: 14/17 (Passed)

NAMES AND LABELS: Buttons do not have an accessible name.

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.