Saad Sahnoun

Laurea University of Applied Sciences

My Final Project Website

Saad Sahnoun

Report
Web site development / Arvind Sharma

Laurea University of Applied Sciences

31/12/2025

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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.

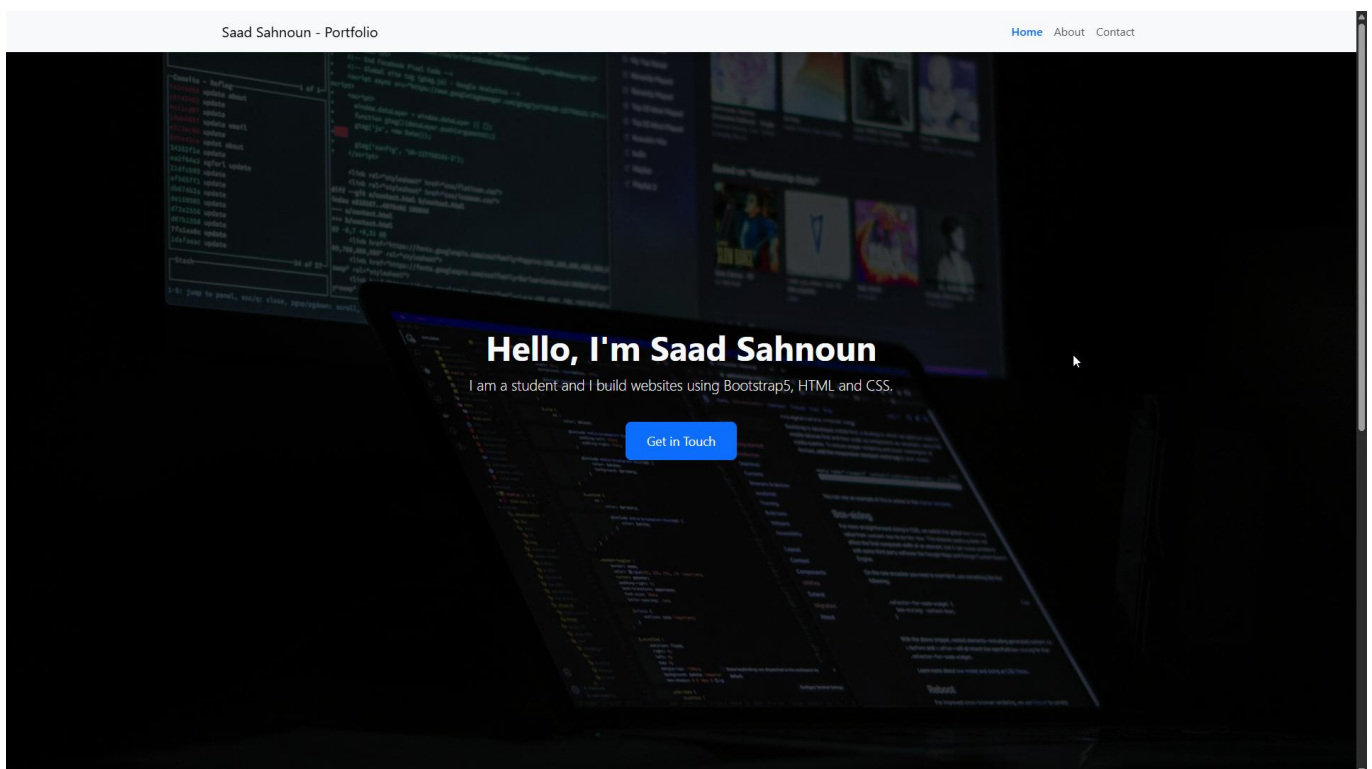Laurea University of Applied Sciences   31/12/2025

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.
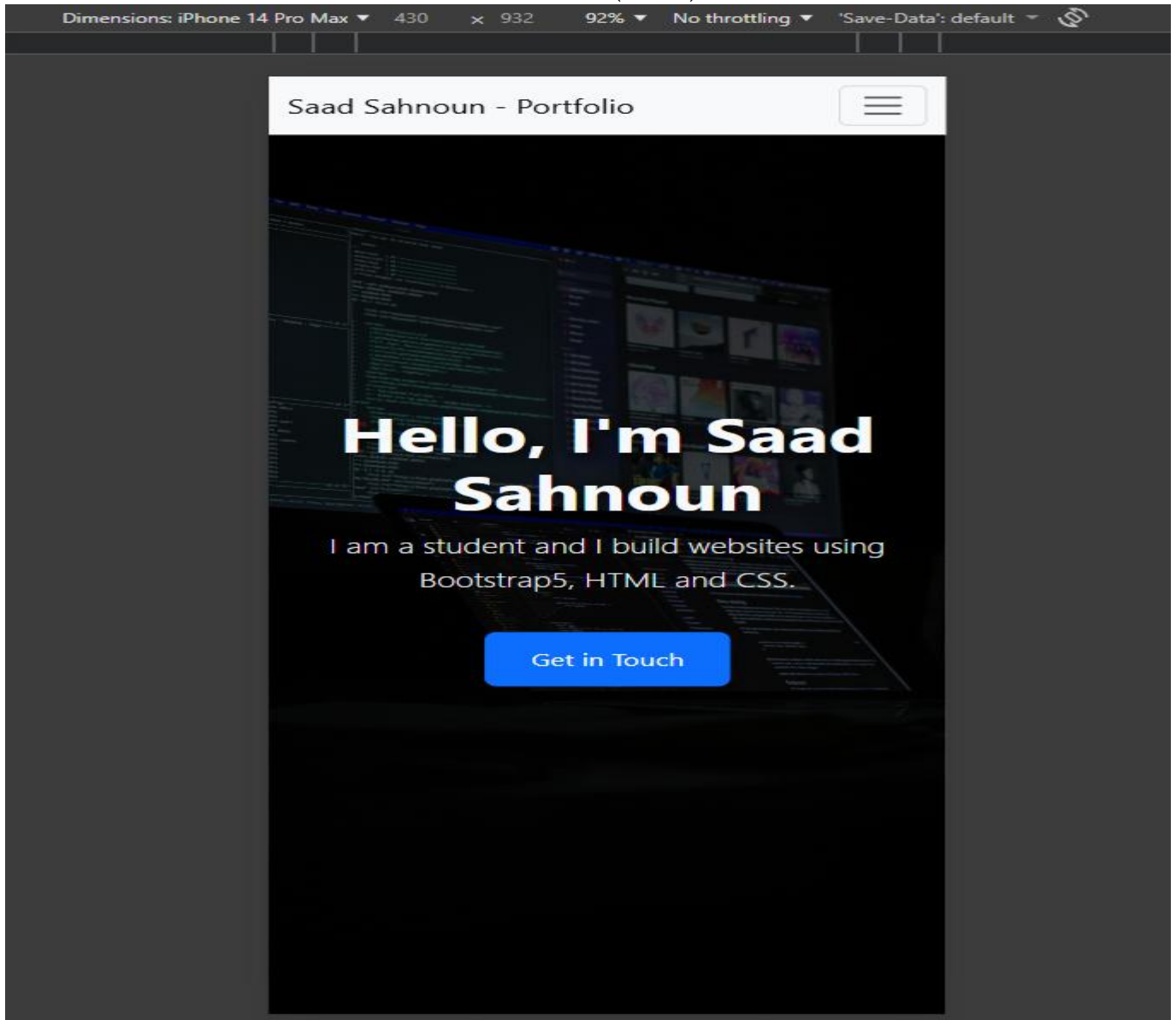
Self-Assessment

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.
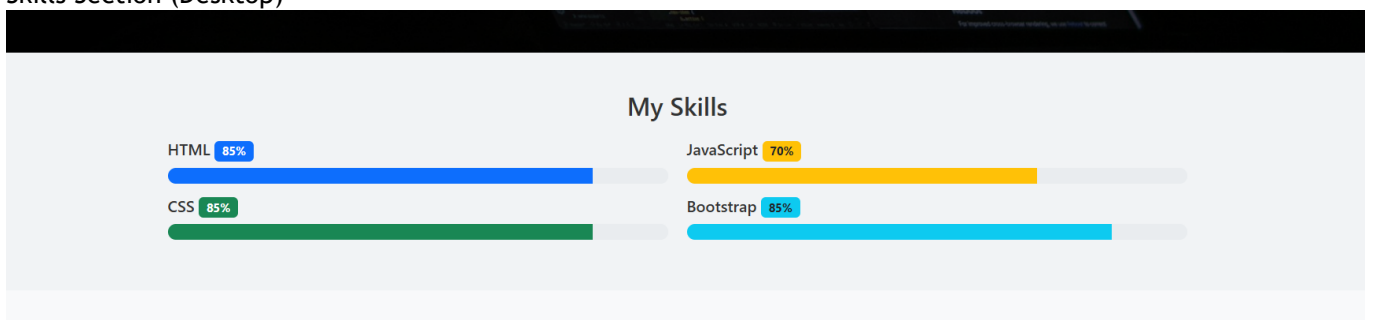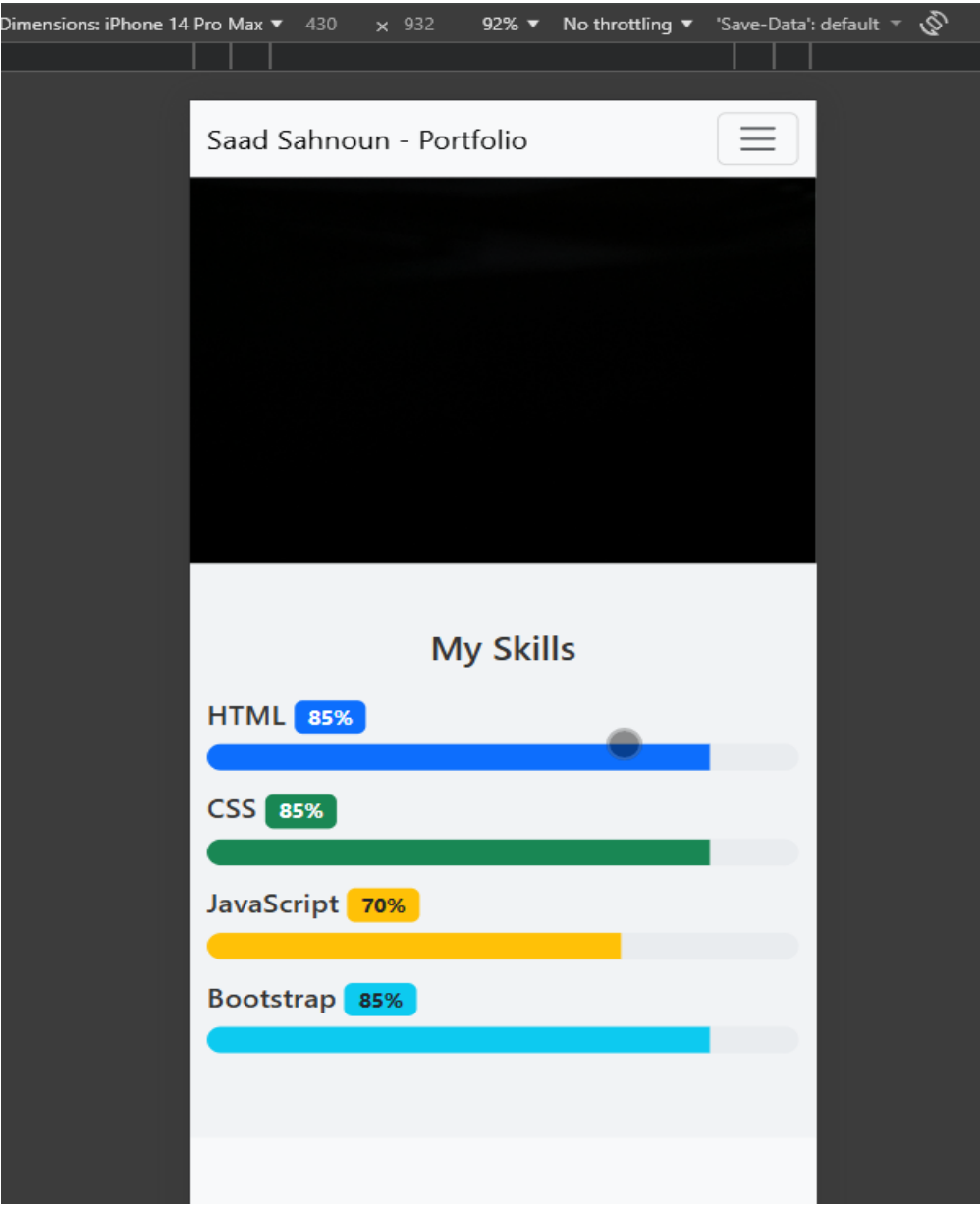
Appendix – Screenshots

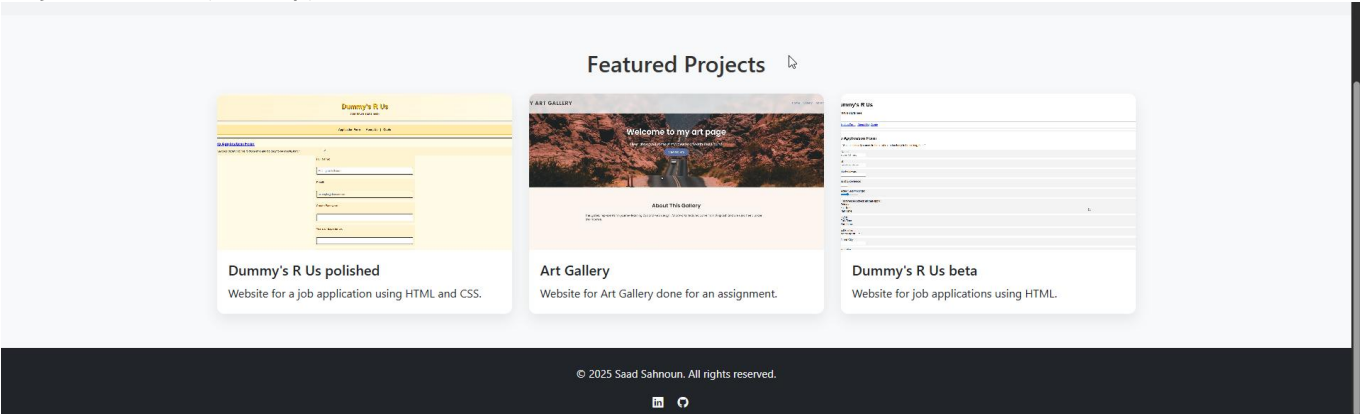Hero Section (Desktop)

Hero Section (Mobile)
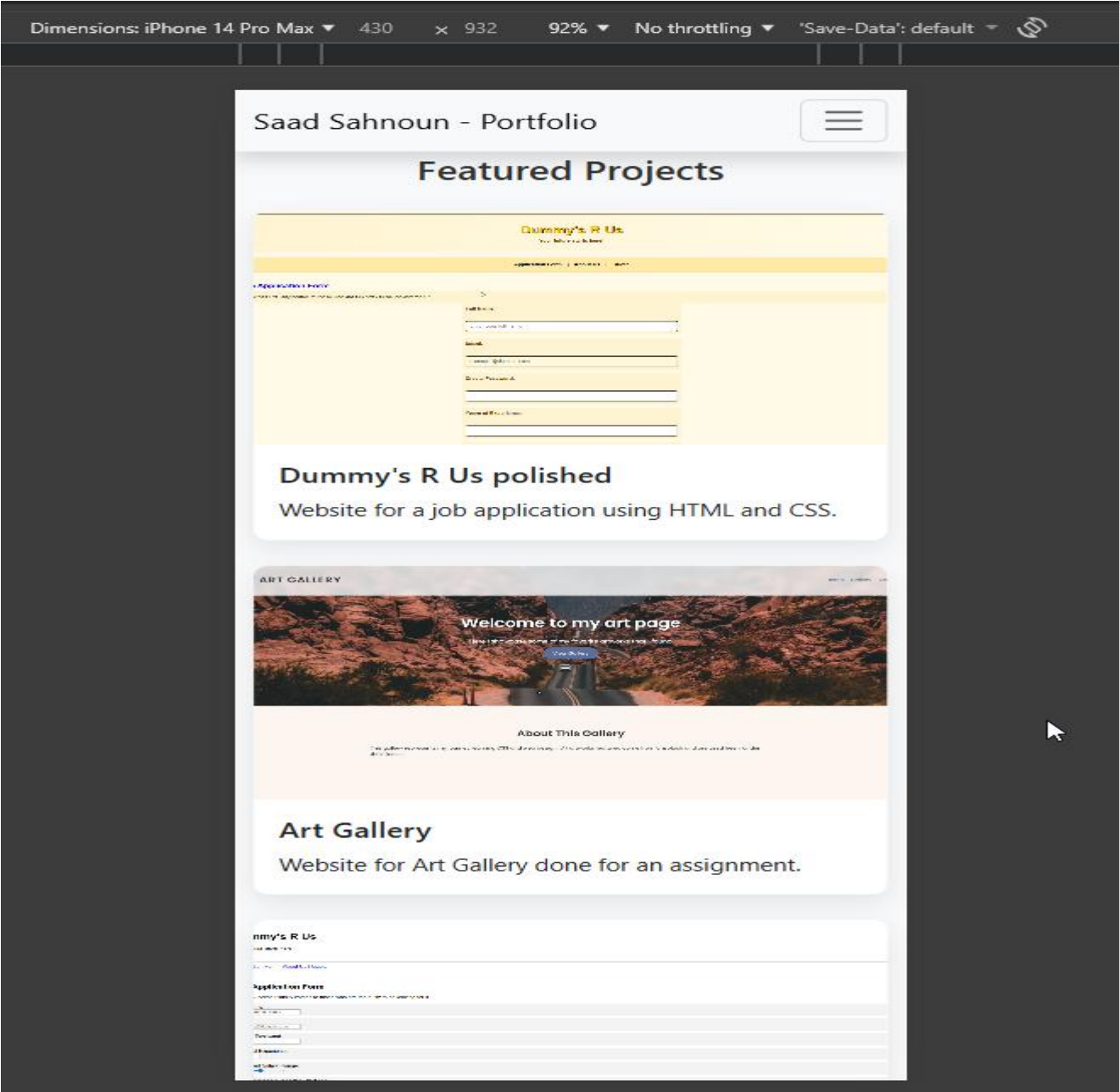

Skills Section (Desktop)

Skills Section (Mobile)

Projects Section (Desktop)

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Report

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Projects Section (Mobile)

Contact Form (Desktop)

Saad Sahnoun – Portfolio   Home About **Contact**

Contact Me

Name

Name Lastname

Email

example@example.com

Message

Send Message

Contact Form (Mobile)

Lighthouse Accessibility Report