



PORTFOLIO PROJECT

BY NIKITA SAHOO



Sections

1. Header
2. Home
3. About
4. Skills
5. Services
6. Projects and Certificates
7. Contact
8. Footer

Introduction

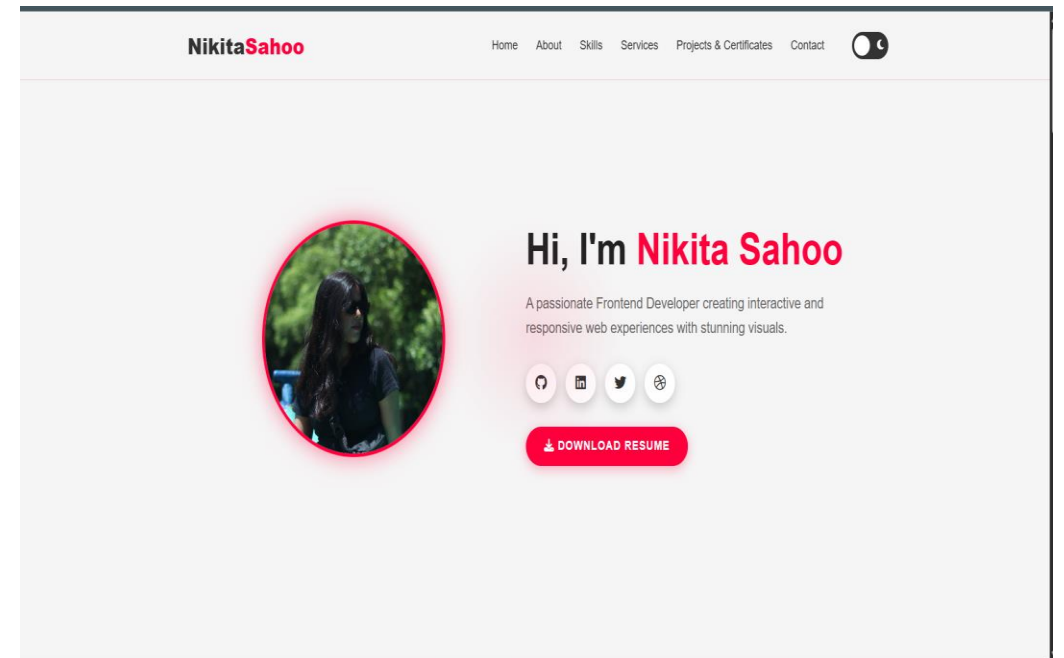
Title: Portfolio Website

Objective: Create a single page portfolio website for professional presence

•Key Features:

- Single-page responsive design
- Accessibility-focused (semantic HTML)
- Light/dark mode toggle
- Interactive elements and animations

•Technologies Used: HTML5, CSS3



Semantic Structure

Title: Accessibility-First Design Approach

Semantic HTML Tags:

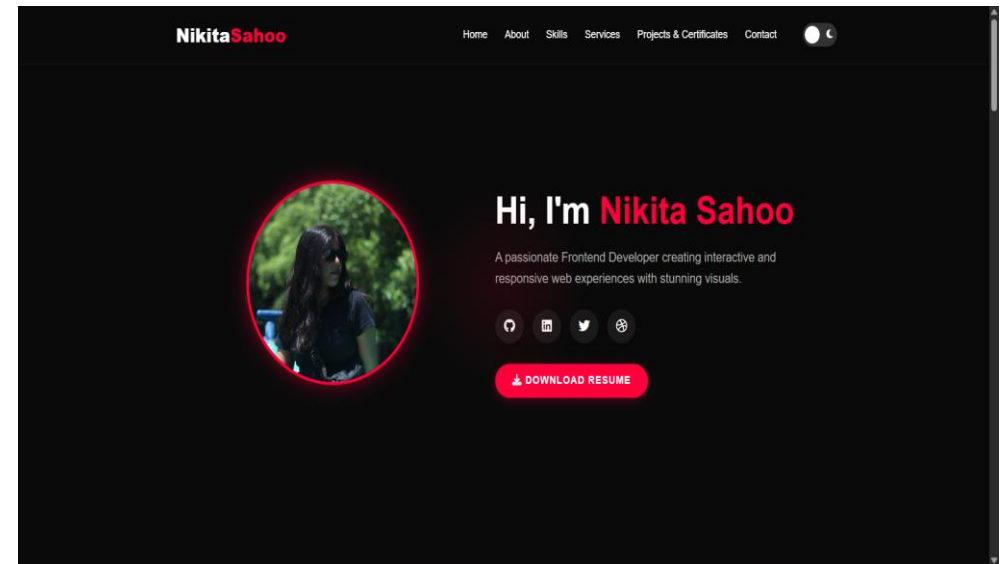
<header>, <nav>, <main>, <section>, <footer>
heading hierarchy (<h1> to <h6>)

Accessibility Features:

- Keyboard navigation support
- Screen reader compatible
- High contrast colour scheme
- Focus indicators for interactive elements

Colour Scheme :

Color palette swatches showing your red, white, and black colors



Header & Navigation

- **Logo Design:** Custom icon with name
- **Navigation Features:**
 - Fixed position for constant access
 - Smooth scrolling to sections
 - Navigation links (home, about, skills, services, project & certificates, contact)
- **Theme Toggle:**
 - Moon icons for change mode indication
 - Persistent across pages via local storage

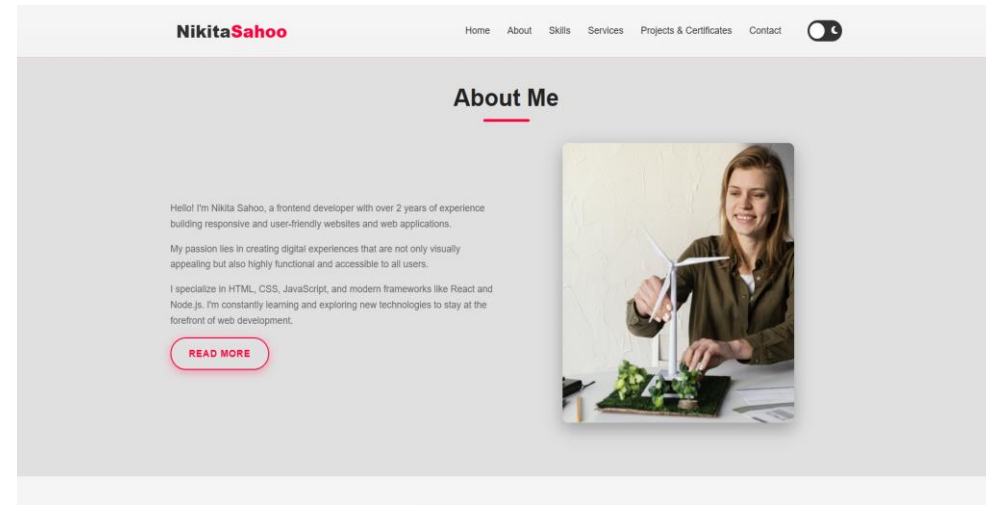
Home and About Section

•Key Elements:

- Clear personal introduction of the Student
- Professional title and tagline
- Social media connections
- Resume download CTA

•Visual Design:

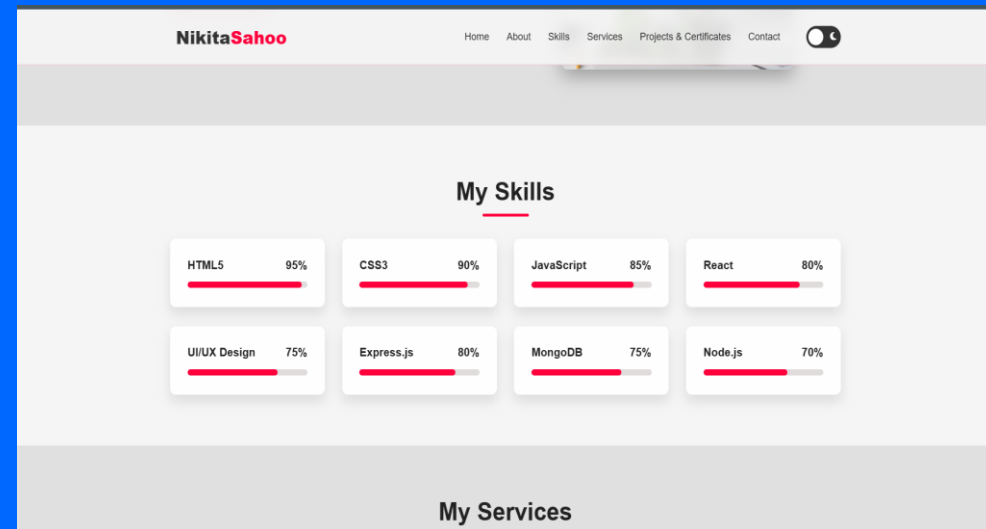
- Floating profile image with red border
- Balanced layout between text and visual
- Prominent call-to-action buttons



Skills Representation

The Skills section uses animated progress bars to create a dynamic and engaging way to showcase technical proficiencies.

- **Interactive Progress Bars:**
 - Animated fill on scroll/view
 - Percentage indicators for clarity
 - Color-coded (red) for visual consistency



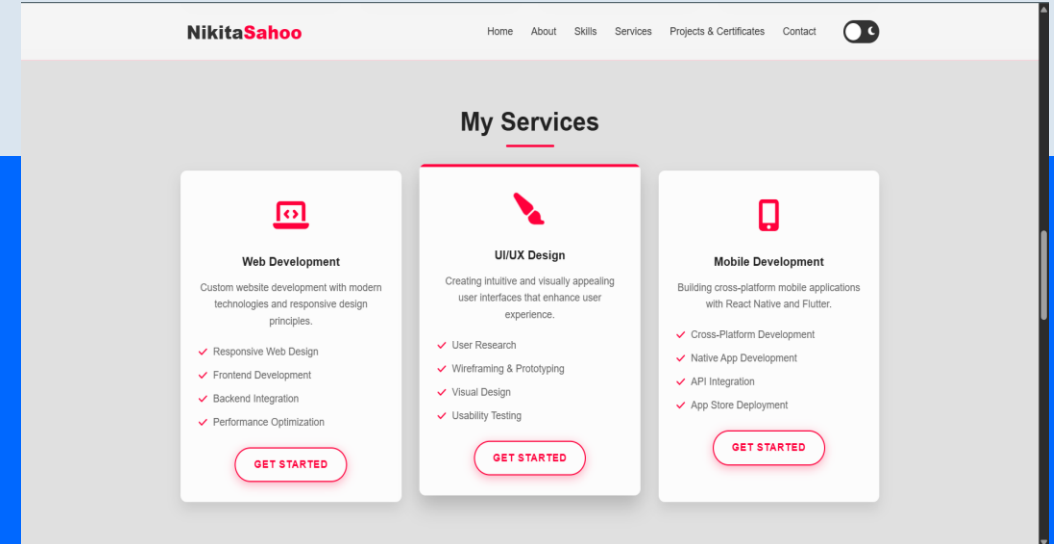
Services Section

Card-Based Design:

- Consistent card layout with subtle animations and hover effect.
- Icon representation for each service
- Feature listings with checkmarks
- Clear call-to-action buttons

Services Highlighted:

- Web Development
- UI/UX Design
- Mobile Development

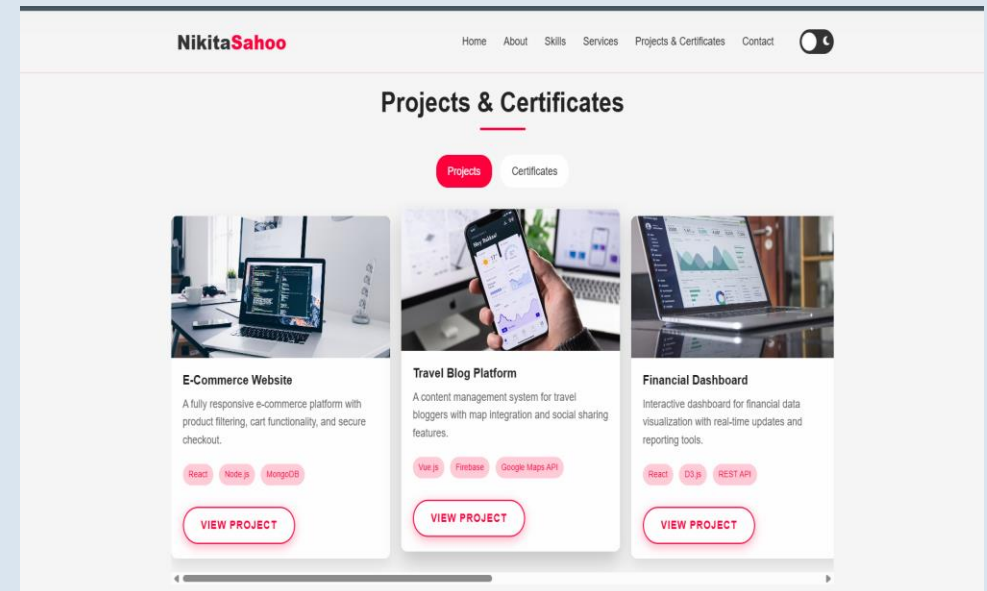


Projects & Certificates Tabs

This section allows users to seamlessly switch between viewing projects and certificates within the same space, preventing page clutter and maintaining a clean layout.

- **Tab Interface:**

- Button implementation for state management
- Smooth transitions between content
- Visual feedback for active tab

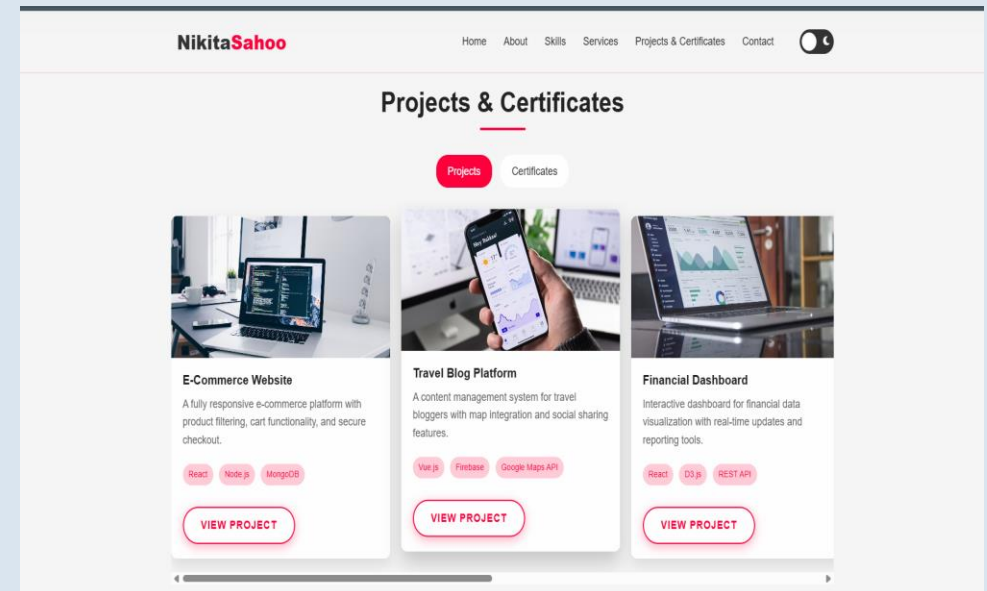


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Contact Section

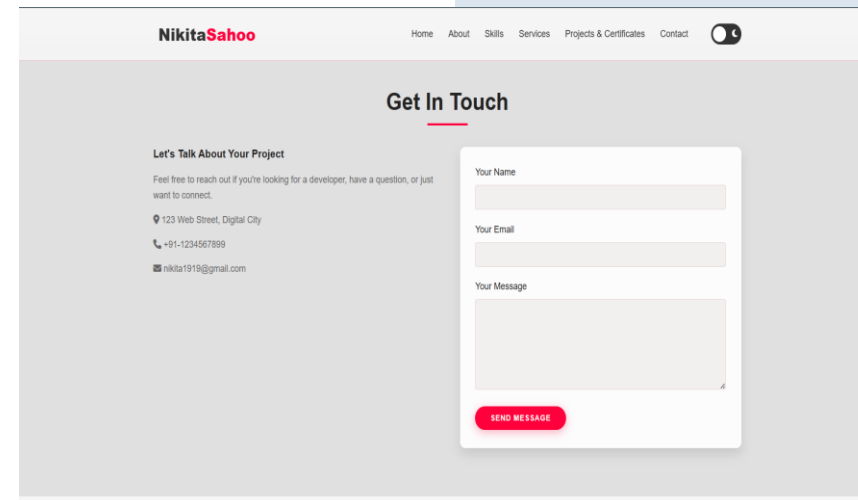
The section uses a clear **two-column layout** on desktop, balancing essential information with an actionable form.

Contact Section:

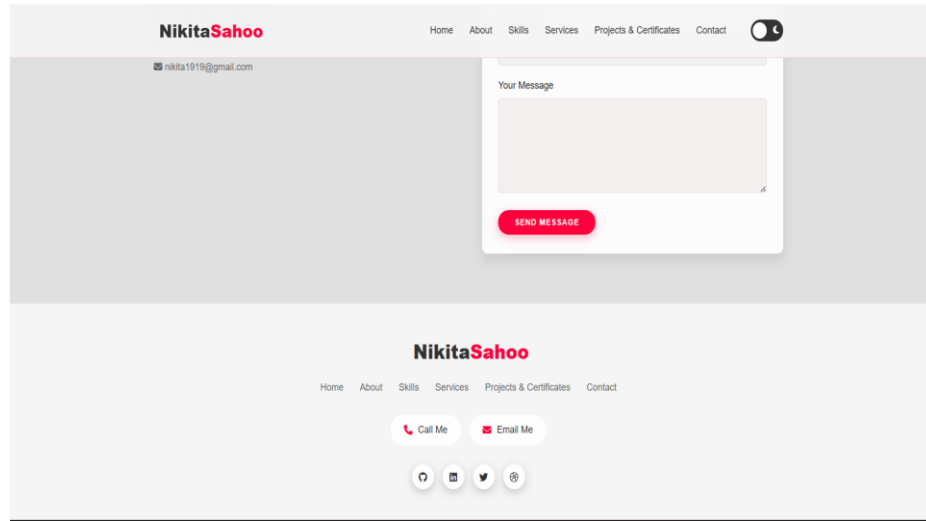
- Two-column layout (info + form)
- Comprehensive contact information
- Responsive form with validation

Structured Form Fields:

- Name Field (#name)
- Email Field (#email)
- Message Text area (#message)



The screenshot shows a contact form on a website. The header includes the name "Nikita Sahoo" and a navigation menu with links: Home, About, Skills, Services, Projects & Certificates, and Contact. A dark mode toggle is also present. The main heading is "Get In Touch". Below it, the text "Let's Talk About Your Project" is followed by a paragraph: "Feel free to reach out if you're looking for a developer, have a question, or just want to connect." Contact information is listed: "123 Web Street, Digital City", "+91-123456789", and "nikita1919@gmail.com". The form itself has three input fields: "Your Name", "Your Email", and "Your Message" (a text area). A red "SEND MESSAGE" button is at the bottom of the form.



Footer Design:

- Stacked layout for mobile responsiveness
- Repeated navigation for convenience
- Direct action buttons (Call, Email)
- Social media links
- Consistent branding with logo

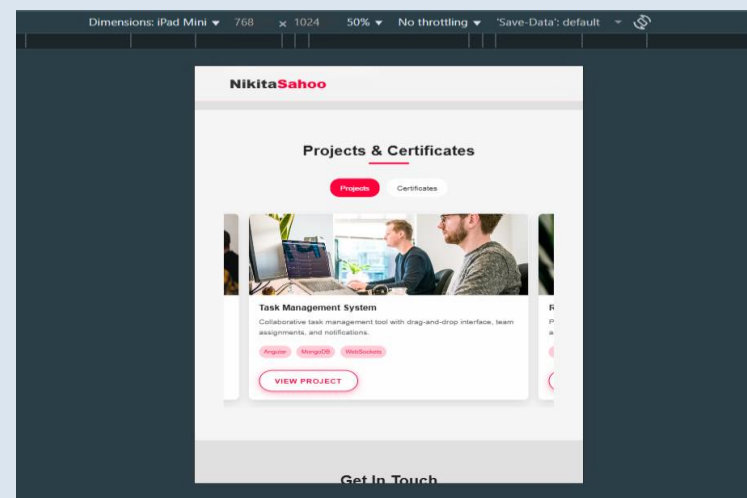
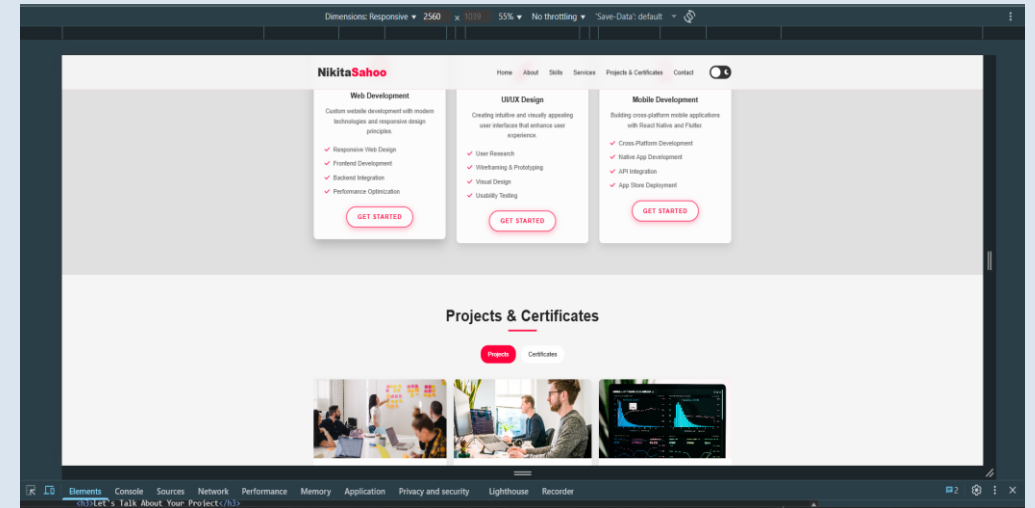
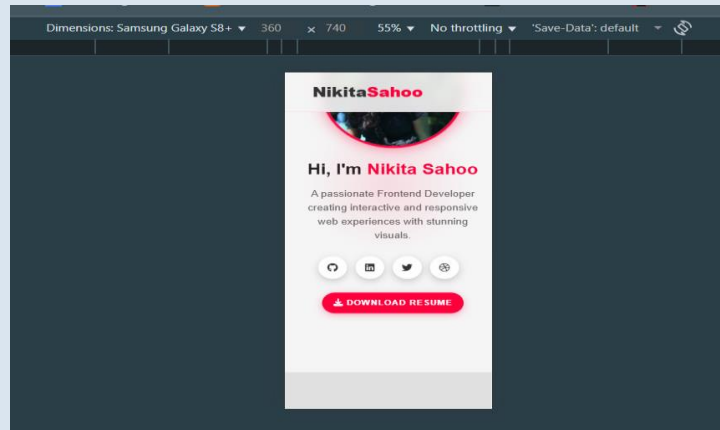
Technical Implementation :

- **HTML5 Semantic Structure**
- **CSS3 Features:**
 - Flexbox/Grid for layouts
 - CSS variables for theming
 - Animations and transitions
 - Media queries for responsiveness

Responsive Design

For Responsive design, In the following devices:

- Desktop/laptop
- iPad Mini
- Samsung Galaxy S8+



Conclusion

To conclude, this portfolio is a practical example of my technical skills and design philosophy. It highlights my ability to code with purpose, design for everyone, and create visually compelling experiences from start to finish. Thank you for your time and consideration.

Future Enhancements:

- Additional interactive elements
- Backend Integration
- Database Integration
- Performance optimization

THANK YOU

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