

# HTML - CSS Web Development Project

## Creating a Portfolio Website

Develop a responsive single-page portfolio site with animated sections for skills, services, projects, and contacts. Use semantic HTML and CSS focused on visual design, animations, and responsiveness to showcase your personality and offerings to visitors.

### Task 1: Basic HTML Structure - 10 marks

- Create an HTML file with doctype, html, head, and body tags - 5 marks
- Include title, meta charset, viewport meta - 5 marks

### Task 2: Header - 20 marks

- Semantic header tag - 5 marks
- Logo - 5 marks
- Navigation links (home, about, skills, services, contact)- 5 marks
- Static day/night toggle mode - 5 marks

### Task 3: Home Section - 20 marks

- Heading and intro text - 2 marks
- Profile image (use Transition or Animation) - 8 marks
- Social icons(minimum 4 icon) - 5 marks
- Download resume button with hovering effect- 5 marks

### Task 4: About Section - 10 marks

- Heading - 2 marks
- About content - 3 marks
- Profile image - 2 marks
- Read more button - 3 marks

### **Task 5: Skills Section - 15 marks**

- Skills section heading - 5 marks
- Use Anyone either Linear Progress bar or Circular Progress indicators- 10 marks

### **Task 6: Certifications Section (Provide at least 3 cards) - 20 marks**

- Relevant certifications heading - 2 marks
- Certification and details(in form of card) - 10 marks
- Create a button for certification & when someone clicks on the button it should open the certificate but you can't use event listener. - 8 marks

### **Task 7: Project Section (Provide at least 6-7 cards) - 20 marks**

- Project section heading - 2 marks
- The project box contains 6-7 cards- 10 marks
- For interactive and responsive cards - 8 marks

### **Task 8: Contact Section - 10 marks**

- Contact section heading - 2 marks
- Name, email, message inputs - 5 marks
- Submit button - 3 marks

### **Task 9: Footer - 10 marks**

- Semantic footer tag - 2 marks
- Call & email buttons - 4 marks
- Hover effects on buttons - 4 marks

### **Task 10: CSS Styling - 55 marks**

- Header and footer styling - 5 marks
- For creative content - 5 marks
- For interactive buttons- 5 marks
- For interactive cards - 5 marks
- Section styling - 5 marks
- Animations and transitions - 10 marks

- For Responsive design, you have to use media query and your website should be responsive for the following devices: - 20 marks
  - For desktop/laptop
  - For iPad Mini
  - For Samsung Galaxy S8+

### **Task 12: Documentation - 10 marks**

- Organized file structure - 5 marks
- Creativity and Presentation - 5 marks

### **Submission Guidelines:**

- Submit a zip file containing all HTML files and any associated resources (images).
- Ensure your HTML code is well-structured, and use comments to explain complex sections.

### **Notes:**

- Use semantic HTML tags for better accessibility.
- Test your forms to ensure they work as expected.

### **Evaluation Criteria:**

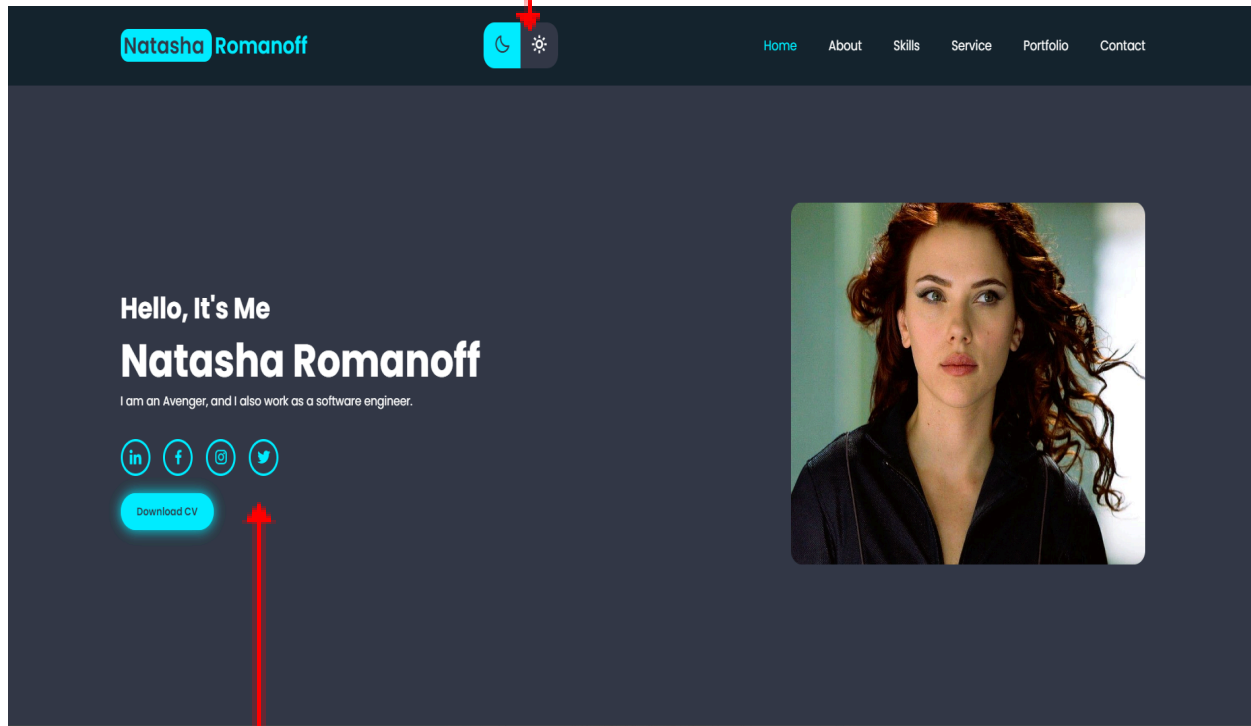
Marks are assigned after each task.

### **Sample Portfolio:-**

**Warning:** Only use these screenshots as a reference. Be original in your design to showcase your creativity. If you copy the exact design, you'll lose marks

Static day/night toggle


For Navbar and Home section:-




Social icon

## For About section:-

Natasha Romanoff



HomeAboutSkillsServicePortfolioContact



## About Me

### Code Warrior by Day, Avenger by Night

Hello! I'm Natasha, a Software Engineer with a passion for saving not only the digital realm but also the physical world from villains. With a dual identity as an Avenger and a software developer, I bring a unique blend of skills to the table. In the coding realm, my expertise lies in various programming languages, software development methodologies, and engineering principles. My superhero abilities extend beyond coding: I excel in problem-solving and critical thinking. In team collaborations, I bring valuable insights to discussions and thoroughly understand the needs of stakeholders. My superpower extends to providing clear explanations of complex technical concepts, bridging the gap between the tech world and those who depend on it.

In both the coding universe and the battle against villains, I am committed to making a positive impact and ensuring the safety of both digital and real-world landscapes.

[Read More](#)

## For Skills section:-

Portfolio

HomeAboutSkillsCertificatesProjectsContact

## My Skills

HTML / CSS80%

JavaScript75%

MERN Stack70%

C++80%

Data Structures & Algorithm75%

Java70%

DBMS60%

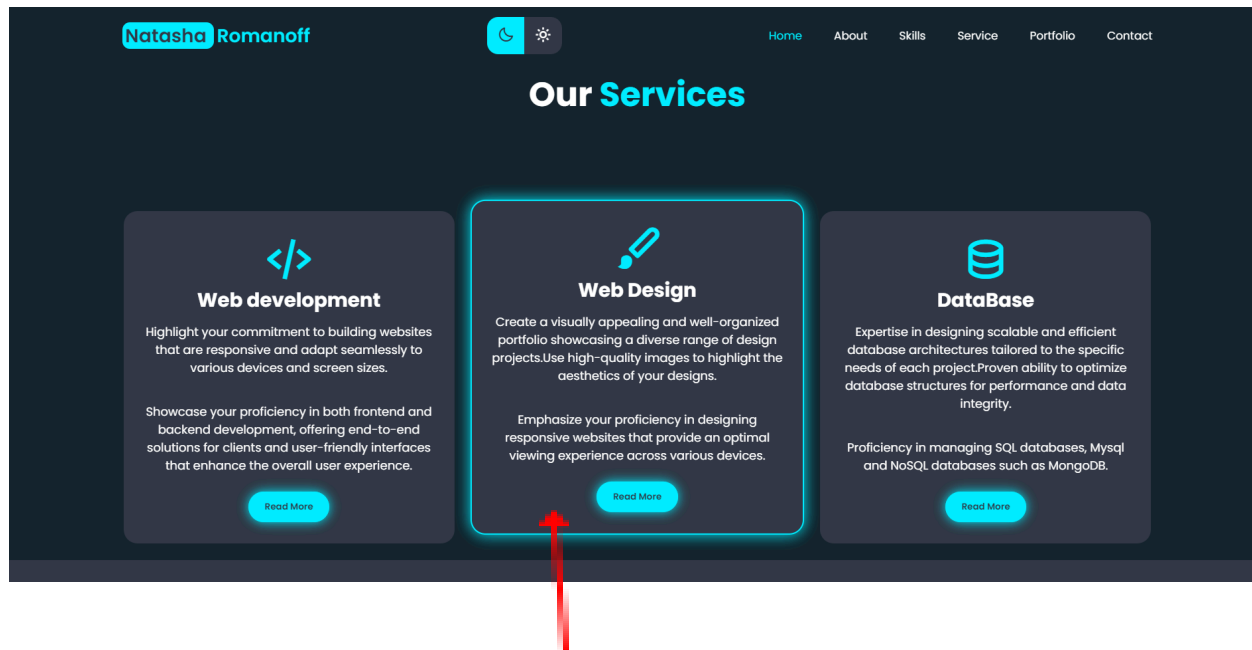
80%  
Team Work

90%  
Creativity

70%  
Problem Solving

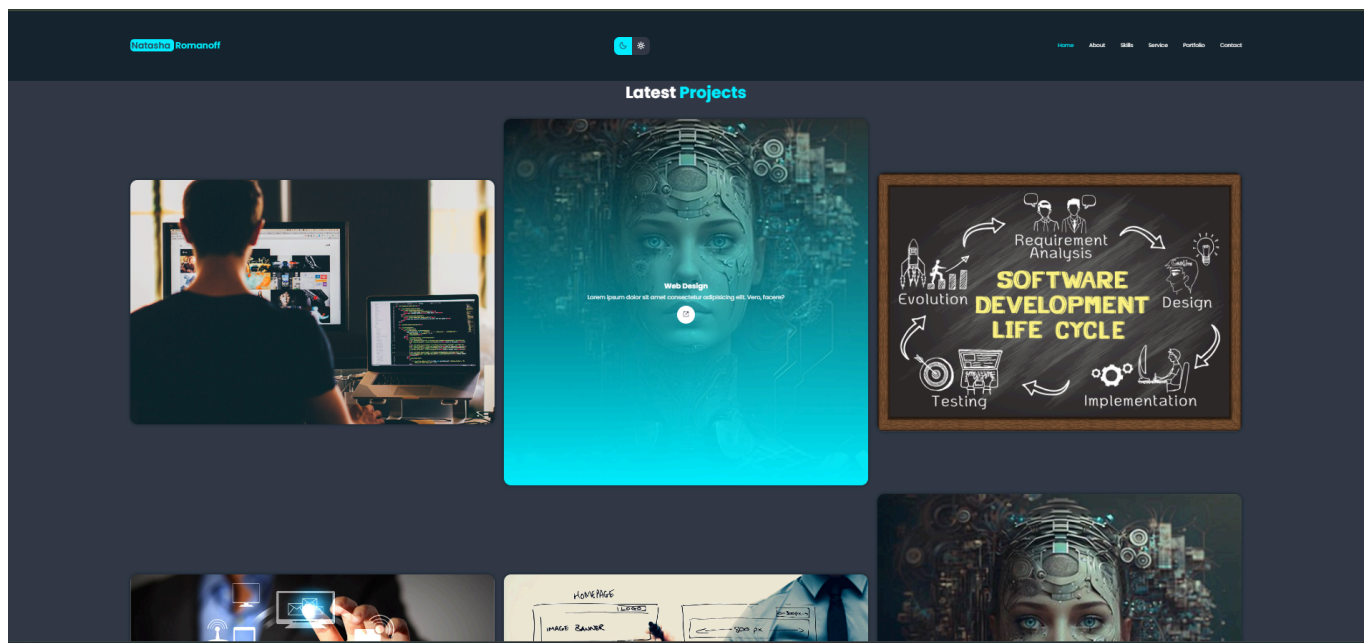
75%  
Communication

For certification/Services section:-

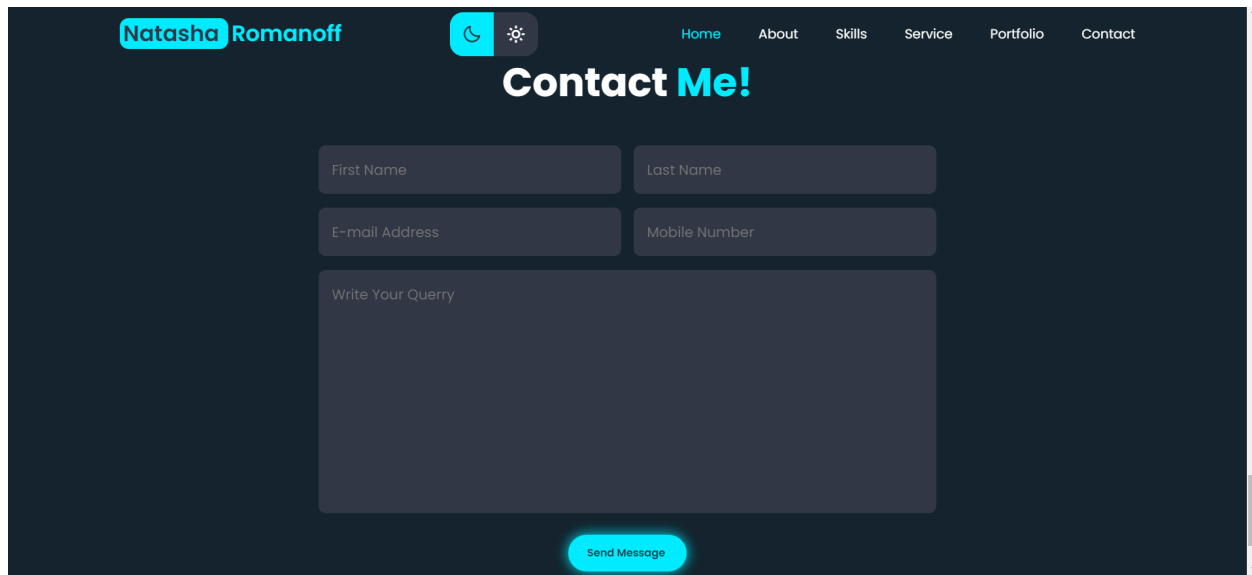


Card

For Project section:-

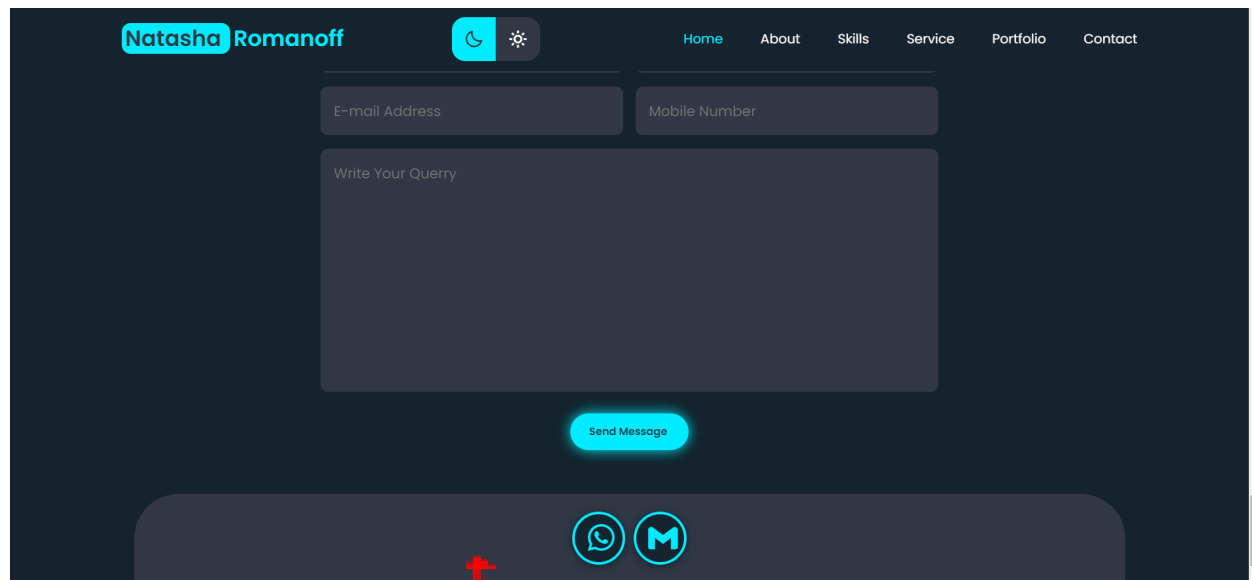


For Contact section:-



The screenshot shows the 'Contact Me!' section of a website. At the top, there is a navigation bar with the name 'Natasha Romanoff' on the left, a dark blue button with a white moon icon, and a dark blue button with a white gear icon. To the right of these are links for 'Home', 'About', 'Skills', 'Service', 'Portfolio', and 'Contact'. Below the navigation bar, the heading 'Contact Me!' is displayed in a large, bold, white font. Underneath the heading, there are four input fields: 'First Name', 'Last Name', 'E-mail Address', and 'Mobile Number'. Below these fields is a large text area labeled 'Write Your Query'. At the bottom of the form is a blue button labeled 'Send Message'.

For the Footer section:-



The screenshot shows the footer section of the website. It features a dark blue background. At the top of the footer, there is a navigation bar with the name 'Natasha Romanoff' on the left, a dark blue button with a white moon icon, and a dark blue button with a white gear icon. To the right of these are links for 'Home', 'About', 'Skills', 'Service', 'Portfolio', and 'Contact'. Below the navigation bar, there are four input fields: 'E-mail Address', 'Mobile Number', and a large text area labeled 'Write Your Query'. At the bottom of the form is a blue button labeled 'Send Message'. Below the 'Send Message' button, there are two circular icons: a white speech bubble icon and a white 'M' icon. A red arrow points to the footer area.

Footer

## Sample Portfolio Video Link:-

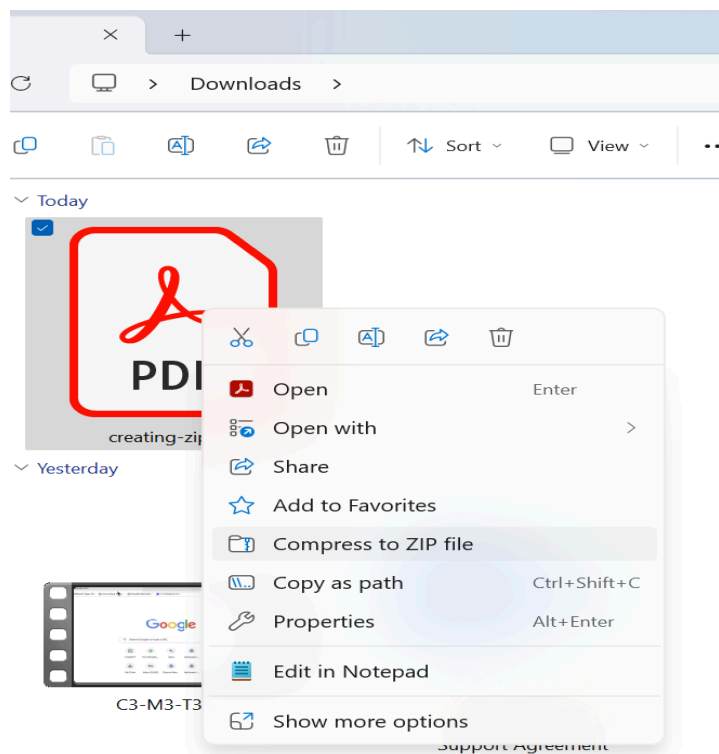
If you would like more details and an overview of the sample portfolio video, please refer to the provided link:

<https://www.loom.com/share/dbb26ae4ed734af7b39f7fb173bd2a25>

Copy the highlighted link and open it in a new Chrome tab.

## How to ZIP a PDF file:

- Put all of the files of your project you want to compress (or just one) into a new folder.
- Right click on that folder.



- Select the “Compress to ZIP file” option and then click “Compressed (Zipped) folder.”
- A new .ZIP file will be created that contains your files.