

Process of Creating a Personal Website (When viewing the website please use 110% zoom)

1. Information Architecture (IA): The first step in creating a website is to plan the information architecture. This involves deciding on the structure and organization of the website. For this project, the requirements are for the website to have five main pages: a landing homepage, a project highlights page, a resume page, a contact information page, and a process page. I decided since each page would be relatively short there would be minimal need for local navigation and that the global navigation would be the only navigation required. Given that there were only five main pages I set up the global navigation to be on the top right of the screen and for it to include the five main pages required.

Instead of making an actual diagram, I created a list to represent the information architecture essential to the structural navigation for the website:

Header/Global Navigation (Present on all pages):

- Logo (Top left)
- Navigation buttons (Top middle to top right)

Homepage:

- Title: "Hi, I'm Parth"
- Brief description about yourself
- Illustration of myself (Right of the description)
- "Contact Me" button (Below the description, links to the Contact page)
- Container with:
 - "About Me" section
 - YouTube video introducing the website
 - Three points describing your characteristics (Right of the video)

Experience Page (Resume Page):

- 3x3 grid of programming languages you know (Left)
- List of places you've worked (Right)
- Your educational history (Below the work experience)

Projects Page:

- Three project cards, each containing:
 - An image
 - A title
 - A description of the project
- The projects are arranged from left to right
- Rich Media

Contact Page:

- Title: "Contact Me"
- Four social media buttons stacked vertically (Left)
- Your location (Right)

Footer

- Form to sign up for your newsletter (Below the location)

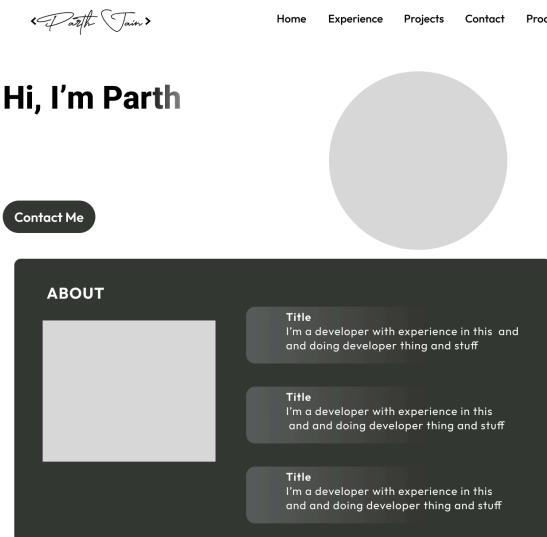
Process Page:

- An iframe containing a PDF of the document

= Utility
 = Associative

This structure provides a clear and organized layout for the website, ensuring that visitors can easily navigate and find the information they need.

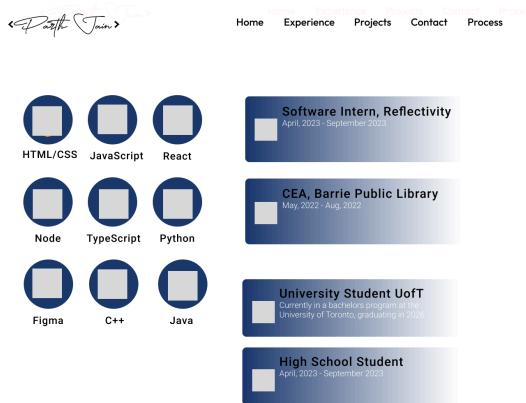
2. Wireframes: Once the IA was established, the next step was to create wireframes. Here are the wireframes I made:



In the initial wireframe, I crafted a visual representation of my Information Architecture (IA) diagram. Utilizing sample text and placeholder images, I laid out a foundational structure for the website, designed to incorporate assets in the future. The design ensures that upon arrival,

visitors are greeted with an introduction—my name and the website's purpose articulated through both text and an image/illustration. I've also considered incorporating a catchy tagline beneath the welcoming "Hi." To facilitate immediate communication, I integrated a "Contact Me" button, prominently positioned to guide visitors directly to the contact page. This feature serves those with the intent of reaching out to me, providing a straightforward way to do so. Further into the layout, I presented an image/video, paired with succinct details about myself. This format serves as both an extension and a deeper dive into my introduction, moving beyond a superficial presentation to offer more substantive insights. Additionally, I've leveraged typography to forge a logo from my name, ensuring that it resonates instantly with the website's overarching theme. This logo is strategically placed in the top left corner, creating a visual equilibrium with the header menu situated on the right.

The general design(name on left link on right) of the header is found in many websites but I got inspiration from this template: <https://react-portfolio-template.netlify.app/>



On the Experience page, my aim was to showcase parts of my professional journey. To the right, I've made space for tangible experiences, my educational background and work history. This section features rectangular elements, each representing a distinct role or qualification, complete with the ability to add dates and details. On the left side is my skill set, spotlighting the programming languages I'm proficient in. Here, the focus shifts to a more visual narrative, with icons for each language. This balance ensures clarity without overwhelming the viewer with excessive information.

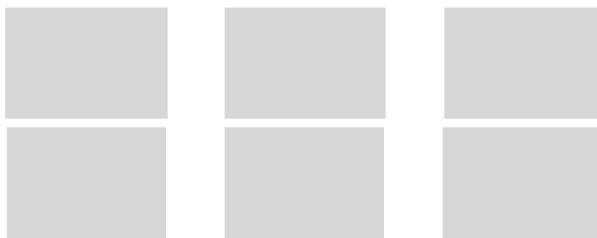


PROJECTS

Project A
I did a thing and did other thing so that id di a thing and stuff and thing and ya
Tag1 Tag2 Tag3

Project B
I did a thing and did other thing so that id di a thing and stuff and thing and ya
Tag1 Tag2 Tag3

Project C
I did a thing and did other thing so that id di a thing and stuff and thing and ya
Tag1 Tag2 Tag3

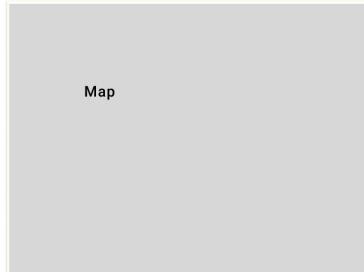


The projects page serves as a showcase for both my software and media projects. At the top, I utilize cards to display images of the software, along with a title, description, and relevant skills represented as tags. Additionally, I incorporate rich media content. The cards convey information that requires some explanation and description, combining titles, text, pictures, and tags. This card format helps package all the relevant information for the viewer. In contrast, the rich media content can stand on its own, so I made minimal edits to it, allowing it to serve as a visual medium independently. The concept and overall appearance of the card were inspired by this website: soumyajit.vercel.app/project



Contact Me

Feel free to reach out!



The Contact page serves as a bridge for people to reach me through both online and physical channels. On the left side, you'll find logos representing different online communication methods, each accompanied by a link. Clicking on these links will direct you to the respective communication platforms. On the right side, you'll find information about my physical location, which is my place of "business". This is where I can be found in person on most days, should visitors prefer to reach out in this manner.

3. Visual Prototypes in Figma: Following the creation of wireframes, detailed visual prototypes are developed using Figma. These prototypes incorporate specific fonts and colors, the details of which can be found in the accessibility section. During the development of these official prototypes, I conceptualized a footer, which was subsequently added. The footer provides a straightforward method for users to subscribe to my newsletter and offers simple ways to contact me, serving as an alternative for those who may not visit the contact page. The decision to place the newsletter subscription option in the footer was inspired by its common placement in various blogs to not be disruptive but always be available. I also made a stylistic choice to have the images used in the software projects to blend with the rest of the car because when they weren't blurry there was too much contrast and they stood out too much when the real Focus was the project in general not just the image.

The screenshot shows the homepage of a developer's website. At the top left is a handwritten signature logo. The top navigation bar includes links for Home, Experience, Projects, Contact, and Process. A circular placeholder image of a person with glasses and a red shirt is centered above a "Contact Me" button. Below this is a large dark box labeled "ABOUT" which contains three identical placeholder cards, each with a title and a generic description.

This screenshot shows the same homepage after the "About" section has been populated with real data. The "ABOUT" box now displays three distinct items:

- Title**: I'm a developer with experience in this and doing developer thing and stuff
- Title**: I'm a developer with experience in this and doing developer thing and stuff
- Title**: I'm a developer with experience in this and doing developer thing and stuff

PROJECTS

Dead Drop
This is an application to covertly drop messages and then have another user receive messages online.

Tag1 Tag2 Tag3

Buls-eye
An investment application where users can track their investments and use graphical tools to help them make decisions.

Tag1 Tag2 Tag3

Canada Covid Tracker
This project tracked the Covid numbers released by the government and tries to organize and explain them.

Tag1 Tag2 Tag3

MEDIA

Contact Me
Feel free to reach out!

parthkj6@gmail.com

[linkedin.com/in/parth---jain/](https://www.linkedin.com/in/parth---jain/)

github.com/FalconXYX

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4. Website Development: The final step is to translate the visual prototypes into a functional website. The web development process primarily involved making minor adjustments to the high-fidelity prototypes. This included adding transitions and animated effects to enhance the user experience and overall polish of the website. Some elements that appeared realistic or appealing in the Figma design did not translate well when implemented on the actual website, necessitating modifications.

5. Accessibility Measures: Throughout the development process, measures were taken to ensure the website is accessible according to accessibility standards.

Perceivable:

- Color Contrast: The website employs a thoughtfully selected color palette that maintains sufficient contrast between text and background colors, ensuring readability for users with visual impairments.
- Alt Text for Images: Each image on the website is accompanied by descriptive alt text, enhancing accessibility for screen reader users by providing meaningful descriptions of visual content.

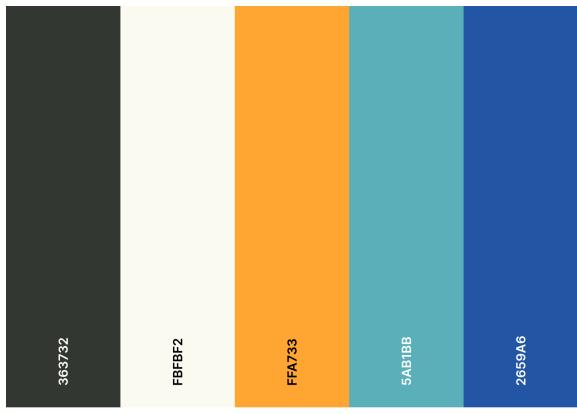
Operable:

- Navigational Ease: The global navigation menu, located consistently across all pages in the top right corner, facilitates ease of navigation. Users can readily access main pages such as the homepage, projects, resume, contact, and process, enhancing operability for all visitors.
- Button Labels: Clear and concise labels are assigned to buttons throughout the website, promoting operability by enabling users to understand their functions easily. For instance, the "Contact Me" button provides a straightforward means for users to navigate to the contact page, enhancing accessibility for individuals with cognitive disabilities.

Understandable:

- Clear Content Structure: The website organizes content into distinct sections, facilitating understanding by presenting information in a logical sequence. For instance, the homepage features a clear layout with sections such as the "About Me" segment, accompanied by a YouTube video introduction and descriptive points outlining personal characteristics.
- Consistent Design Patterns: Consistency in design elements, such as navigation, enhances understandability by establishing familiar patterns. For example, the uniform placement of navigation buttons in the top right corner ensures predictability and ease of use, contributing to a more intuitive browsing experience for all users.

Color palette used:



Contrast/Accessibility checkers:

WAVE
web accessibility evaluation tool

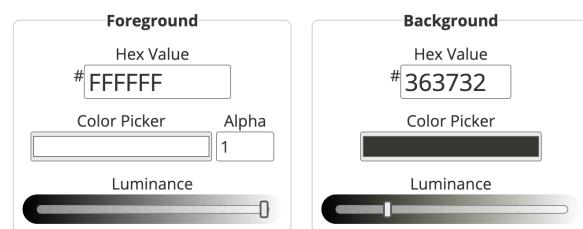
Address: <https://parthjain.ca/>

Styles: OFF ON

Summary

Category	Count	Details
Errors	0	
Contrast Errors	0	
Alerts	1	
Features	3	
Structural Elements	7	
ARIA	3	

[View details >](#)



Contrast Ratio

12:1

[permalink](#)

Normal Text

WCAG AA: **Pass**
 WCAG AAA: **Pass**

The five boxing wizards jump quickly.

Large Text

WCAG AA: **Pass**
 WCAG AAA: **Pass**

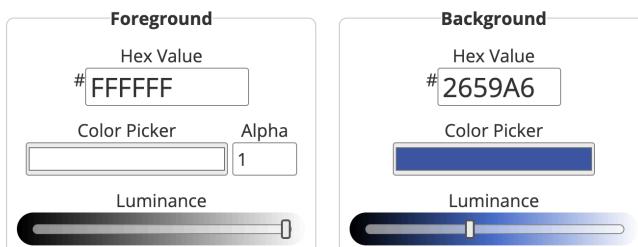
The five boxing wizards jump quickly.

Graphical Objects and User Interface Components

WCAG AA: **Pass**



Text Input



Contrast Ratio

6.85:1

[permalink](#)

Normal Text

WCAG AA: **Pass**
 WCAG AAA: **Fail**

The five boxing wizards jump quickly.

Large Text

WCAG AA: **Pass**
 WCAG AAA: **Pass**

The five boxing wizards jump quickly.

Graphical Objects and User Interface Components

WCAG AA: **Pass**

