

Portfolio Website (v2)

Create a dynamic portfolio website showcasing research projects, user experience projects, professional journeys, and skills. The web application will be a professional portfolio with smooth interactions and transitions.

Github Repo: https://github.com/sanchay071/Portfolio_Project

Stakeholders

The portfolio will depict my design skills, and the project itself is intended as an example of my skill. The primary stakeholders will be hiring managers, industry experts, and product professionals.

Workflow

The application's header section will have three navigation menus – About, Projects, and Contact. The header menu is fixed to the top of the document so the user can navigate between menus as they scroll vertically.

The main navigation has the following states:

1. Hover state
2. Pressed State
3. Selected State

Each page will have a footer that can provide additional links to my socials.

User Story

Story #1

As a user (hiring managers, professionals), I would like to view a brief description of the person, their personally identifiable information

Acceptance Criteria

1. Show a brief description of the portfolio's subject, with text right aligned to the page.
2. Display a responsive portrait of the subject and left aligned to the document page.
3. Provide a widget showing the professional career as a timeline on the page's main body
4. The timeline should be ideally placed below the textual description

Story #2

As a user, I would like to browse each project in detail so that I can form an understanding of the project's research questions and the context.

Acceptance Criteria

1. Provide a nav menu, “Projects” or “Works”. Clicking on this menu will take the user to the projects menu and list all projects as grids.
2. Each project will be shown as cards. Each card will have the following data:
 - a. Project image
 - b. Project title (20 char max)
 - c. Brief description (100 char max)
3. The Card container should have a border shadow and a hover state.
4. The container should be responsive to the viewport of the user.
5. Clicking on the container, a detailed project description is shown on a different page.
 - a. The project page can have many sections with images and descriptions.
 - b. Provide a section navigation for the user to navigate to different page sections
6. The container will have hover animations to indicate the feedback to the user
7. Provide a back button that returns the user to the previous steps. This allows user to trace their steps back.

Story #3

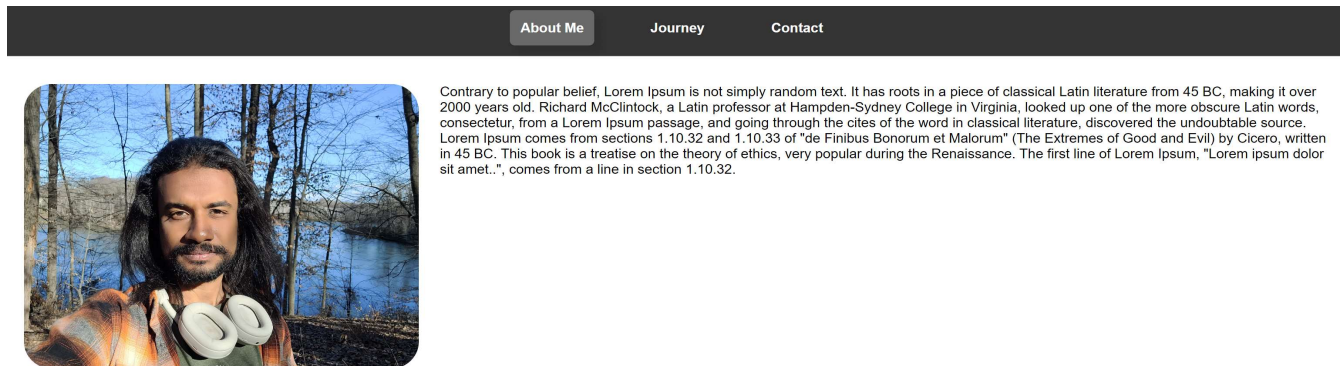
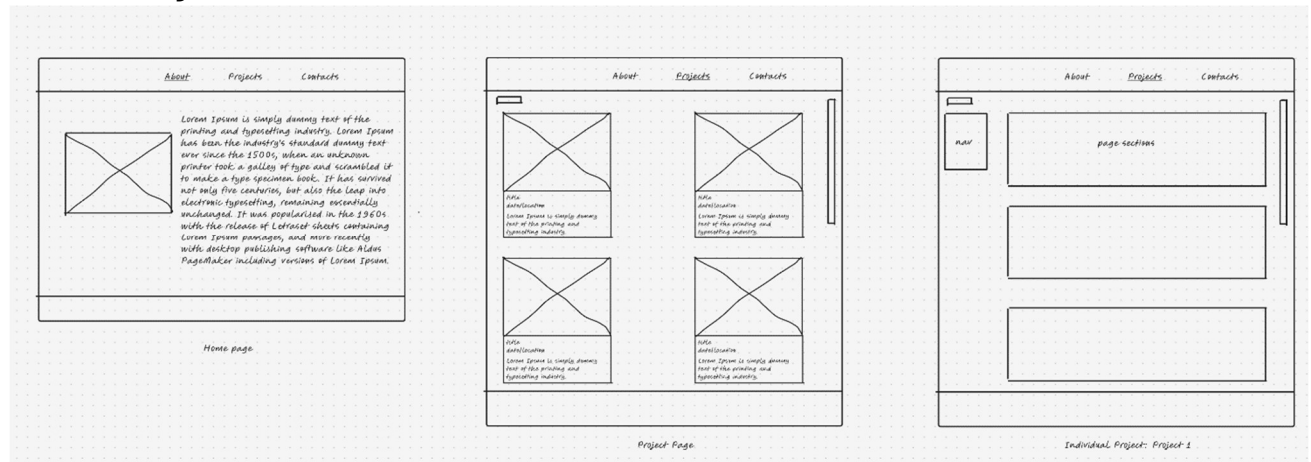
The Contact section of the page can have links to socials like linkedin. Optional idea: Provide a form field for users to send an email.

Provide a back button to navigate to previous page

Design and User Experience

- Frontend: HTML/CSS, Javascript. Backend: Python. Frameworks: Flask, Django. Streamlit will also be explored.
- Database to be explored. SQLite can serve as the backend
- CSS Bootstrap or tailwind CSS will be used for responsive design.
- Use Javascript animate.css for smooth transitions
- WCAG guidelines to be followed for visual contrasts
- Idea: create a dark theme?

Preliminary Sketch



Version 2 Specifications

- Add widgets to the landing page
- Fix CSS issues on the side navigation and throughout other pages
- Add Python scripts to handle large images
- Add a function to add custom project sections
- Make the website responsive
- Add a webhook to automate deployment whenever there is a push to GitHub.
- Migrate to SQLite