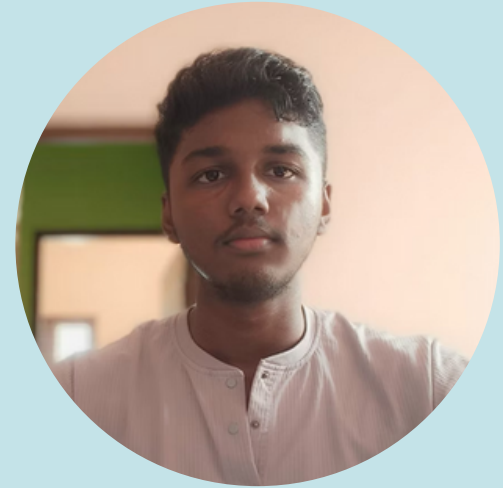# Avenash's Presentation

STUDENT NAME: **K.R. Avenash**

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DEPARTMENT: **BCA**

COLLEGE/ UNIVERSITY: **AM JAIN COLLEGE**

PROJECT TITLE

Interactive Digital Portfolio Using Front End Web Development

AGENDA

1.Problem Statement
2.Project Overview
3.End Users
4.Tools and Technologies
5.Portfolio design and Layout
6.Features and Functionality
7.Results and Screenshots
8.Conclusion
9.Github Link

Problem Statement

In today's competitive digital landscape, individuals often struggle to effectively showcase their skills, work, and personal brand online. Without a personal portfolio, it's difficult to stand out to potential employers, collaborators, or clients. The lack of a centralized, visually appealing, and professional platform limits career opportunities and personal branding.

Project Overview

This is a single-page, responsive, and interactive personal portfolio website. It features multiple sections that users can navigate through a fixed-position navigation bar. The site introduces the developer, details their skills, showcases key projects, and provides a contact method, all within a clean, modern design.

End Users

- Recruiters and hiring managers looking to assess technical and creative skills

- Clients or businesses interested in digital marketing, automation, or web development services

- Collaborators or peers in tech/startups seeking partnerships

- General audience interested in learning more about my work and skills

Tools and Technologies

- HTML5 – Structuring the web content
- CSS3 – Styling and responsive design
- JavaScript – Interactivity (hamburger menu, scroll effects)
- Wix – Used for hosting the featured project (Career Finder)
- Fonts – 'Poppins' font for modern typography
- Gradient and Shadow Effects – For modern visual design
- Responsive Design – Media queries for mobile support
- Font Awesome - An external library is used to provide social media icons.
- External Assets - Images for the profile photo and project screenshots are sourced from a GitHub repository.
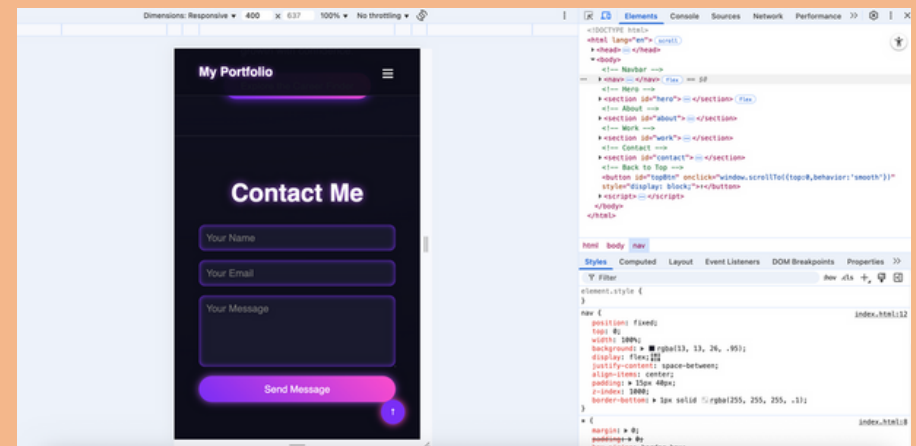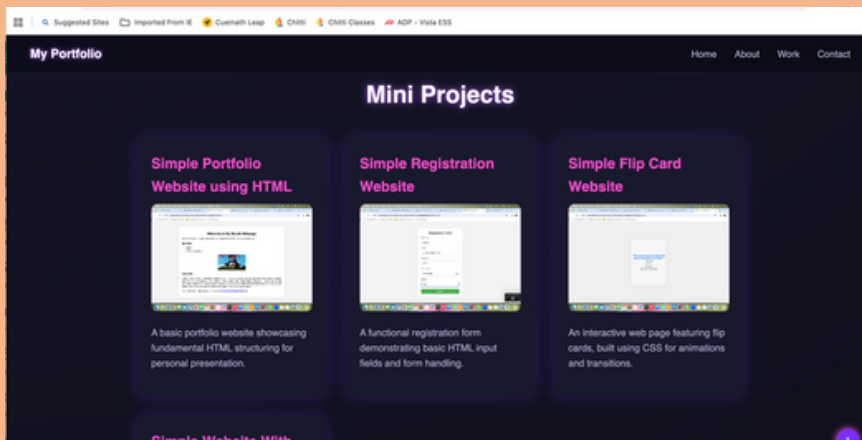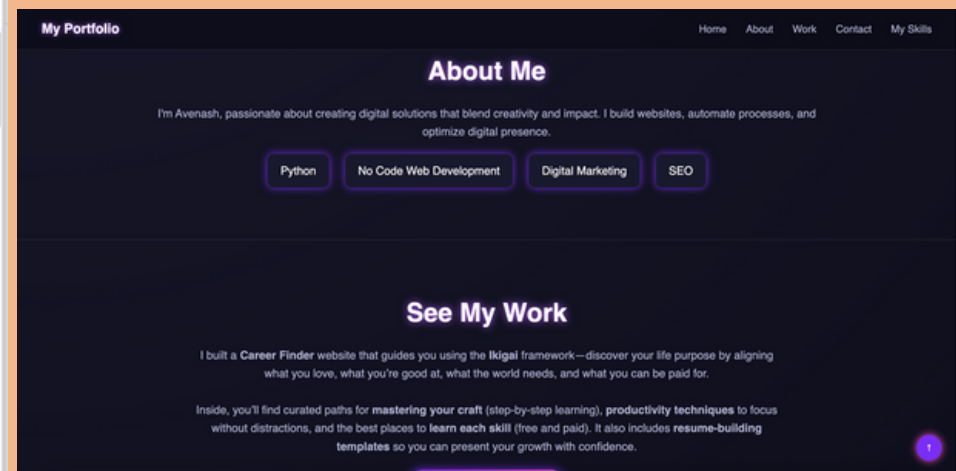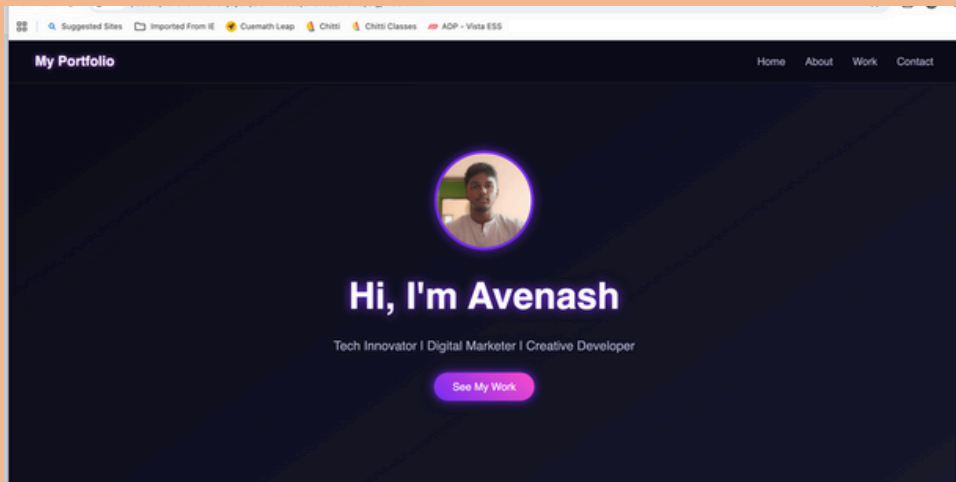
Portfolio Design and Layout

- Navigation Bar: Fixed at top with links to Home, About, Work, Contact, and Skills. Includes a hamburger menu for mobile.
- Hero Section: Full-screen intro with name, tagline, and call-to-action button.
- About Section: Short bio and list of technical and professional skills.
- Work Section: Highlight of the featured project (Career Finder), including a button linking to a live demo.
- Contact Section: Simple form to collect user inquiries.
- Back-to-Top Button: Floating button for better UX on long pages.
- Color Theme: Dark mode with gradients and glowing shadows for a futuristic, tech-savvy feel.

Features and Functionality

- **Smooth Scrolling Navigation:** The fixed navigation bar links allow for smooth transitions to each section of the website.
- **Mobile-Friendly Hamburger Menu:** The menu icon appears on smaller screens, toggling the navigation links for a clean, mobile-optimized experience.
- **Image Modal (Pop-up):** Clicking on the profile photo or any project image opens a full-screen pop-up of the image, allowing for a closer look.
- **Responsive Project Grid:** The "Mini Projects" section uses a CSS Grid to display projects in a neat, responsive layout that automatically adjusts based on screen size.
- **Contact Form:** A basic, functional contact form with required fields for user submissions.
- **Back-to-Top Button:** A button appears in the bottom-right corner when the user scrolls down, offering a quick way to return to the top of the page.
- **Social Media Integration:** Links to GitHub and Instagram are included, using Font Awesome icons for a professional look.

RESULTS AND SCREENSHOTS

Conclusion

This personal portfolio project effectively showcases my skills, creativity, and professional experience in a visually engaging and user-friendly manner. With a clean layout, responsive design, and interactive features like smooth scrolling and a mobile-friendly menu, it serves as a powerful digital identity. By highlighting key strengths and a featured project, it not only builds personal branding but also opens doors to career opportunities, collaborations, and client engagements.

Github Link:

https://github.com/avenash-amjc/TNSDC-FWD-DigitalPortfolio.git