

Digital Portfolio



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PROJECT TITLE

Digital portfolio using front end Web development

AGENDA

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PROBLEM STATEMENT



Traditional resumes and paper-based portfolios fail to effectively showcase a person's skills, projects, and achievements. They lack interactivity, accessibility, and personalization. To overcome this, a digital portfolio is needed to present information in a professional, engaging, and easily accessible way, helping individuals highlight their strengths and improve academic or career opportunities.

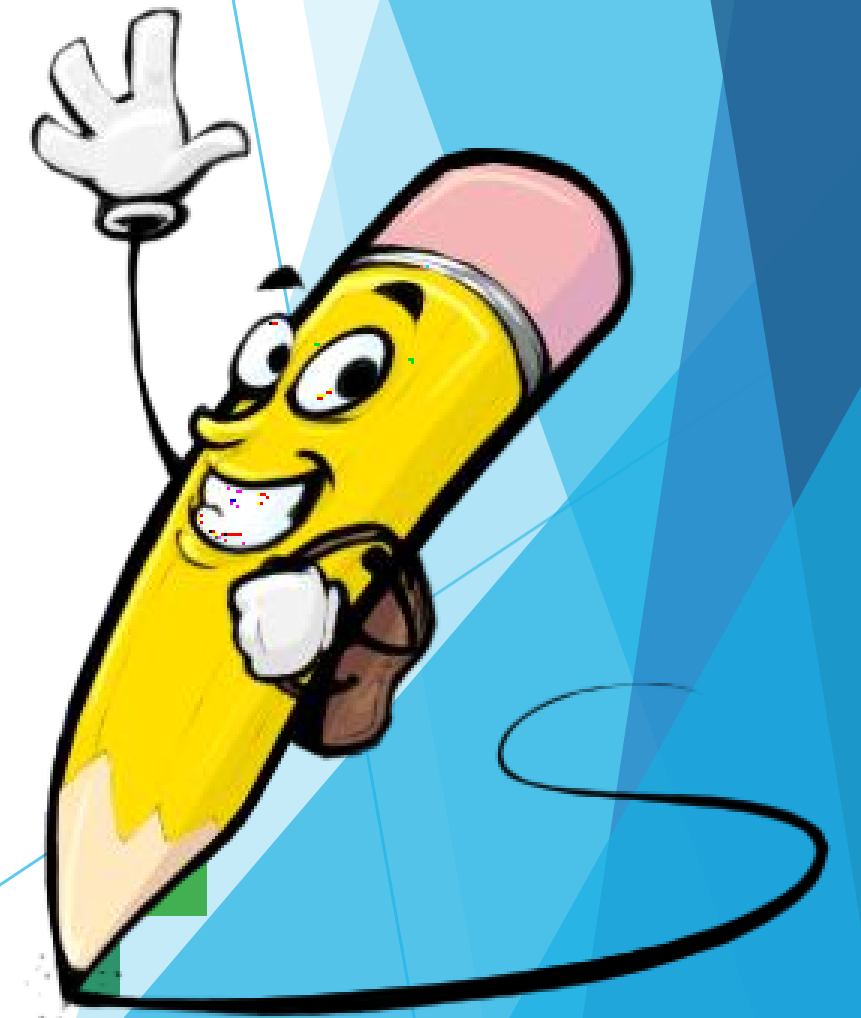


PROJECT OVERVIEW



The Digital Portfolio project focuses on creating an interactive and professional platform to showcase an individual's personal, academic, and professional details. It serves as an online resume where users can highlight their skills, educational background, projects, achievements, and contact information in a visually appealing manner. Unlike traditional resumes, the digital portfolio is dynamic, accessible anytime from any device, and customizable to reflect personal branding.

This project aims to provide students and professionals with a modern tool to present themselves effectively, enhance visibility, and increase opportunities for higher education, internships, and career growth.



WHO ARE THE END USERS?



The end users of a digital portfolio include students who wish to showcase their academic achievements, skills, and projects, and job seekers or professionals who present their experience, certifications, and career highlights to employers. Recruiters and hiring managers benefit by quickly evaluating candidates through a visually organized and accessible format. Educators and mentors use portfolios to assess student growth, creativity, and technical skills. Additionally, peers and colleagues can view and share the portfolio for collaboration and networking. Even general audiences, such as clients or institutions, can explore the portfolio to understand the individual's abilities, leading to better opportunities for internships, higher education, and employment .



TOOLS AND TECHNIQUES



The digital portfolio is developed using HTML5, CSS3, and JavaScript to structure, style, and add interactivity to the web pages. Frameworks such as Bootstrap or Tailwind CSS may be used to ensure a modern, responsive design, while tools like Figma or Canva help in creating mockups and visuals. For enhanced functionality, libraries like React.js can be applied to build a dynamic and component-based interface. The development follows techniques such as Responsive Web Design (RWD) for multi-device compatibility and User-Centered Design for ease of navigation. Version control is maintained using Git/GitHub, and the portfolio is deployed online through platforms like GitHub Pages, Netlify, or Vercel for global accessibility.

POTFOLIO DESIGN AND LAYOUT

The design and layout of the digital portfolio are created to be simple, professional, and visually appealing, ensuring easy navigation for users. The layout is structured into different sections such as personal information, about me, education, skills, projects, and contact details, each arranged in a clean and organized manner. A consistent color scheme, readable fonts, and appropriate spacing are used to maintain clarity and aesthetics. Responsive design principles are applied so that the portfolio adapts seamlessly to desktops, tablets, and mobile devices. The overall layout is user-centered, focusing on presenting content in an attractive yet professional way that highlights the individual's identity and achievements effectively.

FEATURES AND FUNCTIONALITY

The digital portfolio includes various features and functionalities that make it both professional and user-friendly. It contains a personal information section with the individual's name, profile photo, contact details, and social media links, along with an About Me section to provide a brief introduction and career goals. An education section highlights academic qualifications and achievements, while a skills showcase presents technical and soft skills in an organized manner. The projects section displays completed works with descriptions, images, and links, and the certifications and achievements section highlights awards and recognitions. Additional features include a resume download option for recruiters, a contact form for direct communication, and a responsive design that ensures accessibility across devices. With an interactive and visually appealing interface, the portfolio enhances user engagement and effectively showcases the individual's strengths.

RESULTS AND SCREENSHOTS



Dharshnipriya AH

Student | Web Developer | Learner



About Me

Hi! I am Dharshnipriya AH, a Computer Science student passionate about building web applications, solving problems, and learning new technologies.

My Skills

HTML & CSS

JavaScript

Python

Git & GitHub

Projects

Portfolio Website

A personal portfolio website using HTML and CSS.

Calculator

A simple calculator built with HTML

Calculator

A simple calculator built with HTML, CSS, and JavaScript.

Contact Me

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GitHub: github.com/dharshnipriya

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CONCLUSION



In conclusion, the digital portfolio serves as an effective platform to showcase an individual's skills, achievements, and professional identity in a modern and interactive way. Unlike traditional resumes, it provides greater accessibility, personalization, and visual appeal, helping students and professionals highlight their strengths more effectively. By using web technologies and responsive design techniques, the portfolio becomes user-friendly and accessible across devices. Overall, the project not only enhances self-presentation but also improves opportunities for internships, higher education, and career growth.

