



COLLEGE CODE: 9623

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DEPARTMENT: COMPUTER SCIENCE AND
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COMPLETED THE PROJECT NAMED AS PHASE 1

TECHNOLOGY PROJECT NAME: PORTFOLIO WEBSITE

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Problem Statement:

Introduction

In today's competitive job and freelance market, it has become essential for individuals

to showcase their work in a structured and visually appealing way. While traditional resumes present information in a text-only format, they often fail to capture

creativity, technical expertise, or interactive aspects of a candidate's skills. A portfolio

website serves as a modern solution by acting as a digital identity for individuals. It not

only highlights their skills, education, and achievements but also allows them to demonstrate their real-world projects in a more engaging manner. Problem Statement

Many students, freelancers, and professionals face challenges in effectively presenting

their personal brand online. Without an attractive and easy-to-navigate platform: Recruiters may overlook their skills. Clients may hesitate to trust their abilities. They may lose opportunities due to lack of visibility. Thus, a personal portfolio website is necessary to bridge this gap, providing an online platform that enhances discoverability, credibility, and professional growth.

Users & Stakeholders:

Primary Users

1. Students – Seeking internships or job opportunities by showcasing projects, academic work, and skills.
2. Freelancers – Displaying completed projects, case studies, and testimonials to attract new clients.
3. Professionals – Building a personal brand to strengthen career opportunities and highlight achievements.

Secondary Users

1. Recruiters/Employers – Quickly scanning through candidate profiles, resumes, and portfolios to evaluate fit.
2. Clients – Evaluating freelancers by browsing through their past work.
3. Developers/Designers – Helping in maintenance, upgrades, or customization of the portfolio.

Stakeholders

1. Website Owner – The individual whose profile is being showcased.
2. Recruiters / Clients – The people using the website to evaluate skills or work.
3. Technical Maintainers – Developers who ensure smooth running and updates.

User Stories:

1.As a student, I want to add my academic and personal projects with descriptions

and images, so recruiters can evaluate my technical skills.

2.As a freelancer, I want to present my client projects in a professional layout, so new clients can trust my expertise.

3.As a professional, I want to include my resume and achievements, so employers can download and review them.

4.As a recruiter, I want to easily navigate through a portfolio, so I can find relevant

skills and experience quickly.

5.As a client, I want to contact the freelancer directly via a form, so I can inquire about project availability.

Prioritized Goals:

- Easy navigation for all visitors.
- Visual presentation of projects.
- Resume download functionality.
- Contact form with secure data submission

MVP Features:

MVP Features

1. Home Page – Introduction, highlight section, and call-to-action.
2. About Page – Bio, education, skills, and personal background.
3. Portfolio/Projects Section – Gallery or list of projects with details and links.
4. Resume Download – One-click option to download CV in PDF format.
5. Contact Page – Form with name, email, and message fields; includes email integration.
6. Responsive Design – Mobile-first, tablet, and desktop-friendly.

Wireframes / API Endpoint List:

Wireframes (Conceptual)

- Home Page: Intro → Featured Project → Call-to-Action button.
- About Me: Profile picture → Skills cards/progress → Education timeline.
- Projects: Grid layout with project thumbnails → Description → Demo/Code link.
- Contact Page: Form fields → Submit button → Social media icons.

API Endpoint List (for backend support)

- GET /api/profile → Fetch personal details (bio, skills, resume link).
- GET /api/projects → Fetch portfolio projects.
- POST /api/contact → Submit contact form message.

Acceptance Criteria:

1. The portfolio section must display at least 3 projects with visuals, descriptions, and live/demo links.
2. The resume must be downloadable in PDF format without broken links.
3. The contact form must validate required fields (name, email, message) before submission.
4. Data from the contact form must be sent to the owner's email or stored in the backend.
5. The website must load within 3 seconds on a standard internet connection.
6. The website must be fully responsive across desktop, tablet, and mobile devices.
7. All navigation links (Home, About, Projects, Contact) must function correctly.
8. SEO-friendly meta tags must be included to improve discoverability.