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COMPUTER SCIENCE ENGINEERING

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Completed the project named as

Phase 1

FRONT END TECHNOLOGY

PORTFOLIO WEBSITE

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Phase 1: Problem Understanding & Requirements

1. Problem Statement

In today's digital-first environment, having an online professional presence is essential. Many students and young professionals still rely on resumes and LinkedIn profiles, which may not fully capture their creativity or technical expertise. A **Portfolio Website** provides a dedicated platform where individuals can showcase their **skills, achievements, projects, and experiences** in a structured and visually appealing manner.

Without such a platform, students may struggle to:

- Reach recruiters effectively.
- Highlight practical projects and achievements.
- Provide real-time, always-available professional information.

Thus, the **problem** is the lack of a simple, responsive, and customizable solution for creating a personal portfolio without requiring advanced coding skills.

2. Users & Stakeholders

- **Primary User:** Student/Professional who creates and manages the portfolio.
 - **Stakeholders:**
 - **Recruiters/Employers:** Review candidate portfolios to evaluate skills.
 - **Clients/Peers:** View projects, request collaborations.
 - **Educators/Mentors:** Verify student progress and achievements.
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3. User Stories

- As a **student**, I want to display my academic projects and skills so recruiters can evaluate me.
 - As a **recruiter**, I want a simple interface to quickly understand the candidate's expertise.
 - As a **visitor**, I want easy navigation between sections like **About, Portfolio, and Contact**.
 - As a **website owner**, I want to update content easily without technical coding knowledge.
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4. MVP Features

1. **Home Page** – Introduction, tagline, and profile image.
2. **About Page** – Biography, education, skills, achievements.

3. **Portfolio/Projects Page** – Gallery of project images, descriptions, and links (GitHub/demo).
4. **Contact Page** – Contact form (Name, Email, Message) + social links.
5. **Responsive Design** – Works on desktop, tablet, and mobile.

5. Wireframes / API Endpoint List

(since WordPress is CMS-based, APIs are optional; focus is on wireframes)

Homepage Wireframe (Text Representation):

Logo Menu: Home About Portfolio Contact
Profile Image Name + Tagline
Section: Skills Overview
Section: Featured Projects (thumbnails)
Footer: Contact + Social Links

Contact Page Wireframe (Text Representation):

Contact Form: Name Email Message Submit Button
Social Media Icons (LinkedIn, GitHub, Email)

6. Acceptance Criteria

- Website must load within **3 seconds** on desktop/mobile.
- All **core pages (Home, About, Portfolio, Contact)** should be fully functional.
- Contact form must **send submissions** to the owner's email.
- Portfolio page must display **at least 3 projects** with images.
- Site should be fully **responsive** across screen sizes.
- Site should be **customizable** using WordPress Dashboard (non-technical users can update content).