Digital Portfolio

STUDENT NAME:Dharshini.U
REGISTER NO AND NMID: 222401241 and asunm11024ai131
DEPARTMENT: Bsc computer science with Artificial Intelligence
COLLEGE: madras university

1

PROJECT TITLE

Digital Portfolio

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

Many students and professionals struggle to showcase their **skills, projects, and achievements** in a structured and professional way. Traditional resumes don't allow interactivity, visuals, or live project demos.

PROJECT OVERVIEW

This project is a **personal portfolio website** built using modern web technologies. It highlights the developer's skills, projects, certificates, and contact details in a visually appealing, responsive, and interactive layout.

WHO ARE THE END USERS?

- **Students / Freshers** → to present academic and project achievements.
- **Recruiters / Employers** → to quickly evaluate skills, projects, and contact details.
- **Peers / Collaborators** → to connect for tech projects or collaborations.

TOOLS AND TECHNIQUES

- **Frontend Framework**: React (with TypeScript)
- **Styling**: Tailwind CSS, Shadcn/UI components
- **Icons**: Lucide-react
- **UI Enhancements**: Framer Motion (animations), Badges, Cards
- **Notifications**: Sonner (toast messages)
- **Integration**: mailto links for contact, GitHub links for projects
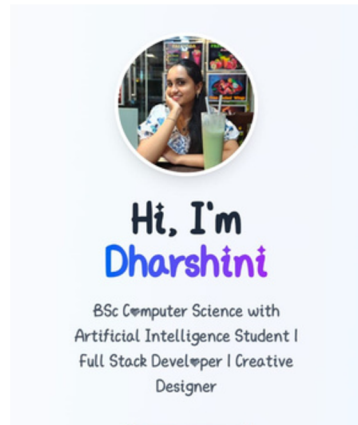
POTFOLIO DESIGN AND LAYOUT

- **Header**: Sticky navigation bar with smooth links (About, Skills, Projects, Certificates, Contact).
- **Hero Section**: Profile photo, intro, role, and "Get In Touch" button.
- **About Section**: Personal info + journey in tech.
- **Skills Section**: Categorized into Web Development, Programming, Creative.
- **Projects Showcase**: Grid layout with project details, tech stack badges, and demo/code buttons.
- **Certificates**: Upload, edit, and delete certificates dynamically with images.
- **Contact Section**: Contact form (name, email, phone, message) + direct links (mail/phone).
- **Footer**: Branding + quick links (GitHub, Email).

FEATURES AND FUNCTIONALITY

- Responsive modern UI with gradient themes.
- Add/Edit/Delete certificates with image previews.
- Contact form with mailto integration.
- Interactive skill badges grouped by categories.
- Project cards with live demo& GitHub code buttons.
- Toast notifications on form actions and certificate updates.
- Fallback handling for missing images.

RESULTS AND SCREENSHOTS

Here the result's screenshot:

Link:https://dharshinis-portfolio.mgx.world/

CONCLUSION

The portfolio successfully solves the problem of presenting personal/professional achievements in a modern, interactive way. It can be used for academic purposes, job applications, or networking. With further enhancements like a blog section or backend for storing form responses, it can be expanded into a complete professional portfolio system.