



DIGITAL PORTFOLIO

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DIGITAL PORTFOLIO

AGENDA

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PROBLEM STATEMENT

1. Many students struggle to present their skills, projects, and achievements in an attractive and professional way.
2. Traditional resumes often lack interactivity and modern design, making them less engaging.
3. Recruiters and peers prefer digital portfolios that are easy to access and navigate.
4. Without a proper online presence, students may miss opportunities in internships, jobs, or collaborations.
5. Therefore, a responsive, animated student portfolio website is needed to effectively showcase personal details, skills, and projects.




PROJECT OVERVIEW

1. This project is a student portfolio website to showcase personal details, skills, projects, and contact info.
2. HTML provides the structure with sections like Hero, About, Skills, Projects, and Contact.
3. CSS styles the site and adds animations (fade, slide, zoom) for a modern interactive look.
4. JavaScript detects scrolling and reveals sections smoothly when they enter the viewport.
5. The result is a responsive, animated, professional-looking portfolio for students.





WHO ARE THE END USERS?

1. Students – Can showcase their skills, projects, and achievements in a professional way.
 2. Teachers & Mentors – Can review student growth, projects, and progress easily.
 3. Recruiters / Employers – Can quickly check technical skills, projects, and contact details for opportunities.
 4. Peers & Community – Can get inspired, collaborate, and connect for learning or project building.
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TOOLS AND TECHNIQUES

1. JavaScript selects all `<section>` elements on the page.
2. On scroll, it checks each section's position using `getBoundingClientRect()`.
3. If the section is close enough to the viewport (`rect.top < window.innerHeight - 100`), it adds the `.show` class.
4. The `.show` class triggers CSS transitions (fade, slide, zoom effects).
5. This creates a smooth reveal animation as the user scrolls.



POTFOLIO DESIGN AND LAYOUT

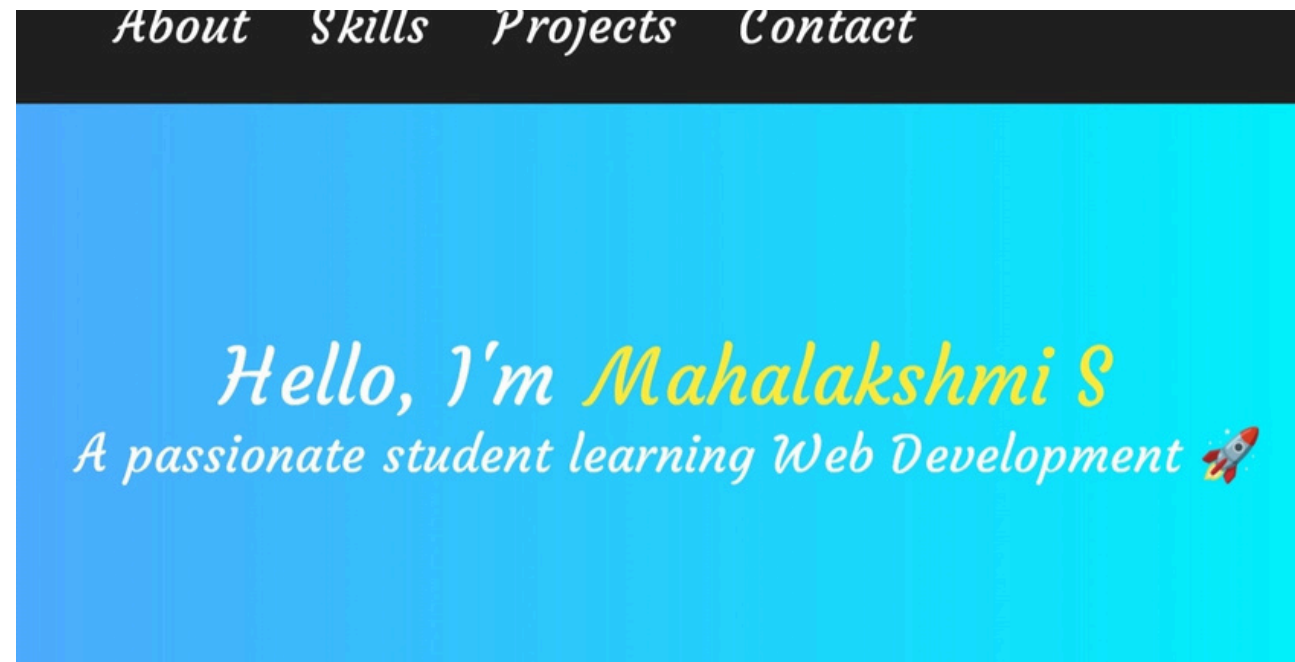
1. Header & Hero – Fixed navigation bar with logo + links, and a full-screen hero section introducing the student with gradient background and highlight text.
2. About Section – Profile photo with a short description of skills, interests, and goals (image + text side by side).
3. Skills & Projects – Skills listed clearly with checkmarks, followed by project cards (with hover effects) to showcase work.
4. Contact & Footer – Contact form (name, email, message) with styled button, and a simple footer showing copyright.

FEATURES AND FUNCTIONALITY

1. Smooth Navigation & Animations—Fixed header with smooth scrolling and fade/slide animations for each section.
2. Responsive Design – Works on desktop, tablet, and mobile with flexible layouts and styles.
3. Project Showcase – Interactive project cards with hover effects to highlight student work.
4. Contact Form – Simple form with input fields (name, email, message) and a styled button for easy communication.

RESULTS AND SCREENSHOTS

Hero Section



About Section

About Me



I am a student who loves coding, designing, and building projects. Skilled in HTML, CSS.

CONCLUSION

This portfolio successfully showcases the student's skills, projects, and achievements in a clean and professional layout. It uses responsive design, smooth animations, and interactive sections to create a user-friendly experience. The program highlights personal branding while providing functionality such as project display and a contact form. It serves as both a learning project and a strong foundation that can be expanded with new features in the future.

GITHUB LINK

<https://github.com/mahasenthil075debug/Mahalakshmi-.git>

