DIGITAL PORTFOLIO

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AGENDA

- problem statement
- project overview
- End Users
- Tools and technologies
- portfolio design and layout
- Features And Functionality
- Results And Screenshots
- Conclusion
- Github link

PROBLEM STATEMENT

- Clarity Break down the problem into plain, no-nonsense language.
- Context/Background Set the stage with a quick snapshot of where this problem is hanging out.
- 3. Specificity Zero in on one glaring issue, not a buffet of random problems.
- 4. User/Stakeholder Need Identify who's in the hot seat dealing with this problem (user, client, organization).
- 5.Impact Highlight why this problem is a big deal (lost time, lousy experience, snail-paced efficiency, etc.).
- Scope Keep it snugly relevant to your project, not a sprawling mystery.

PROJECT OVERVIEW

- 1. Project Title A clear, professional name for the project.
- 2. Objective / Goal What problem the project solves or the purpose behind it.
- 3.Brief Description A short summary (2–3 sentences) of what the project is about.
- 4.Key Features / Functionality Main highlights or unique aspects of the project.
- 5.Technologies Used Tools, programming languages, frameworks, or platforms applied.

END USERS

1. Demographics & Background

Age group, profession, technical knowledge, or experience level.

Helps to show that you designed with the right audience in mind.

2. Needs & Goals

What the users are trying to achieve with the product.

Example: quick access to data, easy navigation, better communication, etc.

3. Pain Points / Challenges

Current problems they face without your solution.

Example: too much manual work, slow process, lack of clarity.

TOOLS AND TECHNOLOGIES

1. Technology Stack Overview

Clear categorization (Frontend, Backend, Database, DevOps, Testing, etc.)

Modern and widely adopted frameworks/libraries.

2. Relevance to Projects

Each tool or technology directly linked to your portfolio projects.

Justification of why it was chosen (speed, scalability, flexibility).

3. Version & Compatibility

Mention of latest or stable versions used.

Cross-platform or cross-browser support (if applicable).

PORTFOLIO DESIGN AND LAYOUT

1. Clear Structure

Organized sections (About Me, Projects, Skills, Tools, Contact).

Easy navigation with a menu or tabs.

2. Visual Consistency

Consistent fonts, colors, and spacing.

Balanced use of white space for readability.

3. Professional Layout

Clean and modern design that reflects your personal style.

Grid or card-based layout for projects.

FEATURES AND FUNCTIONALITY

Key Features

- Clean and Professional Design Simple, visually appealing, and userfriendly layout.
- 2. Responsive Layout Works seamlessly on mobile, tablet, and desktop.

@ Functionality

- 1. About Section Brief introduction, professional summary, and career goals.
- 2. Projects Showcase Display of your key projects with descriptions, technologies used, and links (live demo & GitHub).

RESULTS AND SCREENSHOTS

About Me

Helio! I'm Mahalakshmi , a passionate Computer Science student with a strong interest in software development, problemsolving, and building practical applications. I believe in continuous learning and enjoy exploring new technologies to improve my skills. My career goal is to start as a Software Developer at Zoho and later grow into a Full-Stack Developer, contributing to impactful

Skills

- Web Development: HTML5, CSS3, lavaScript (DOM, ES6), Responsive Design
- Programming: Core Java, OOPs, Data

Structures & Algorithms

- Frameworks & Libraries: Basics of React.js
- Database: MySQL (Queries, Joins,

Normalization)

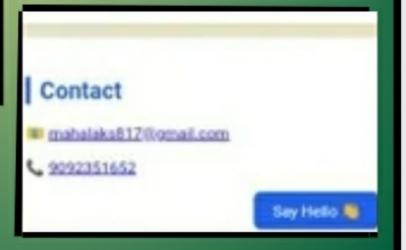
- Tools & Platforms: Git, GitHub, VS Code
- Problem-Solving: Competitive coding on

HackerRank & LeetCode



Projects

- Digital Portfolio Website: A personal portfolio to showcase skills, projects, and achievements.
- Student Task Tracker: A simple web app to manage and track student daily tasks.
- College Club Page: Designed a responsive webpage for college club activities and announcements.



CONCLUSION

Showcased key projects that reflect both technical and creative skills.

Demonstrated problem-solving ability through realworld applications.

Gained hands-on experience with tools, technologies, and frameworks.

Highlighted adaptability and continuous learning mindset.

