

DIGITAL PORTFOLIO

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PROJECT TITLE

► Student 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

- ▶ Background / Context:
 - ▶ Briefly explain the broader context or domain where the problem exists.
- ▶ Problem Description:
 - ▶ Clearly and concisely describe the specific issue or gap that needs to be addressed.
- ▶ Impact / Importance:
 - ▶ Explain why this problem matters.
- ▶ Objectives / Goals:
 - ▶ State what a successful solution would achieve.

PROJECT OVERVIEW

- ▶ Background:
- ▶ With the shift toward online education, educational institutions face challenges in managing courses, tracking student progress, and delivering content efficient
- ▶ To develop a web-based application that allows educators to create, manage, and deliver courses online, while enabling students to track progress and access materials easily.
- ▶ Scope:
- ▶ The system will include modules for course creation, user management, content delivery, assignment submission, and grading. It will not include real-time video conferencing features.

WHO Are The End Users?

- ▶ End users are the people who will actually use the product, system, or service once it's developed or implemented. They are not necessarily the ones who pay for it or manage it — they're the ones who interact with it directly to fulfill a need or solve a problem.

TOOLS AND TECHNIQUES

- ▶ Tools:
- ▶ Python (with pandas, NumPy, scikit-learn)
- ▶ Tableau / Power BI
- ▶ Excel
- ▶ Techniques:
- ▶ Data Cleaning & Preprocessing
- ▶ Exploratory Data Analysis (EDA)
- ▶ Machine Learning Algorithms
- ▶ Data Visualization
- ▶ Statistical Analysis

POTFOLIO DESIGN AND LAYOUT

- ▶ A portfolio layout refers to the structure and visual organization of the content on your portfolio website or document. It guides how users navigate and perceive your work.

FEATURES AND FUNCTIONALITY

- ▶ Homepage with Introduction.
- ▶ Displays name, tagline, and photo.
- ▶ Projects Showcase.
- ▶ Displays project cards with.
- ▶ Title.
- ▶ Description.
- ▶ Tools used.
- ▶ Live preview / GitHub links.
- ▶ About Me Section.

RESULT AND SCREENSHOT

Results:

The portfolio website was successfully developed using HTML, CSS, and JavaScript. It is fully responsive and compatible with all modern browsers. Users can easily navigate through sections such as Home, Projects, Skills, About, and Contact. The contact form is functional and linked to a test email address using Formspree.

Screenshots:

1. Homepage:

This screen shows the landing page with a personal introduction and a call-to-action button to view projects.

2. Projects Section:

Projects are displayed in a grid layout, each with a title, description, and links to GitHub or live demo.

CONCLUSION

- ▶ The student portfolio project was successfully designed and implemented to showcase academic achievements, technical skills, and completed projects in a structured and professional manner. It serves as a personal brand identity and provides a platform for students to present their work to potential employers, mentors, or academic institutions.
- ▶ Through this project, essential skills such as web development, UI/UX design, and content organization were applied. The portfolio includes key sections like About Me, Projects, Skills, Resume, and Contact, ensuring that visitors can easily learn about the student's capabilities and experience.