DIGITAL PORTFOLIO

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PROJECT TITLE

STUDENT DIGITAL PORTFOLIO USING FRONT END WEB DEVELOPMENT (HTML, CSS & JAVA SCRIPT)

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

In today's digital age, students often struggle to effectively showcase their academic achievements, skills, projects, and extracurricular activities in a centralized, accessible, and visually appealing format. Traditional methods such as printed resumes or scattered online documents fail to present a cohesive and dynamic representation of a student's abilities and growth over time.

PROJECT OVERVIEW

In the digital era, a personal portfolio is an essential tool for students to demonstrate their capabilities beyond a traditional resume. This project will create a responsive and interactive web application using **HTML, CSS, and JavaScript** (optionally including frameworks like **React** or **Bootstrap**) to help students:

- Create a personal online identity.
- Display educational qualifications and certificates.
- Showcase academic and personal projects.
- Highlight technical and soft skills.
- Provide downloadable resumes and external links (e.g., LinkedIn,GitHub).

WHO ARE THE END USERS?

End User	Role	Purpose
Students	Creators and owners	Build and maintain their own portfolio
Teachers/Mentors	Reviewers and guides	Evaluate and support student progress
Employers/Recruiters	Potential hirers	Discover and assess talent
Admissions Officers	Evaluators for academic programs	Review detailed student profiles
General Public/Peers	Visitors or collaborators	Explore, learn, and connect

TOOLS AND TECHNIQUES

Dark/Light Mode Toggle – Using JavaScript and CSS variables.
Animations & Transitions – Using CSS or libraries like AOS (Animate on Scroll).
Form Handling – Using JavaScript or integrating with services like Forms pree for contact forms.
Progressive Web App (PWA) – Making the portfolio installable and offline-accessible *(advanced)*.

POTFOLIO DESIGN AND LAYOUT

Sections included:

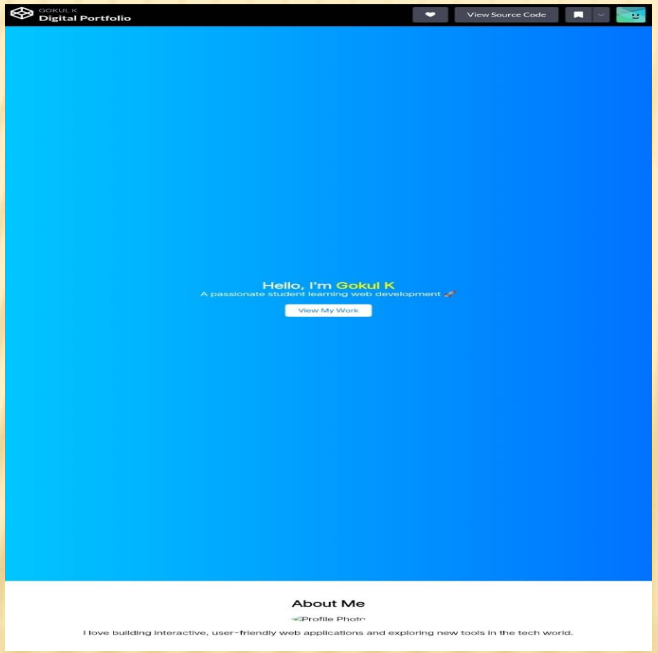
- Home/About Me
- Projects
- Skills
- Contact
- Responsive Layout (mobile + desktop view)

FEATURES AND FUNCTIONALITY

✔Navigation bar with smooth scrolling
✔Project showcase with images/details
✔Interactive elements(hover effects, animations)
✔Contact form(with validation)
✔Responsive design for all devices.

RESULTS AND SCREENSHOTS

- Screenshots of each section
- Before Vs After (plain HTML → with CSS & JS



CONCLUSION

✔The Employee Salary Prediction System successfully demonstrates the end-to-end application of machine learning in solving a real-world HR analytics challenge. By simulating realistic salary data and applying advanced modeling techniques, the system achieved high prediction accuracy and practical insights into salary dynamics.

✔" The use of SHAP for model explain ability added transparency, enabling users to understand key salary drivers. The Stream lit-based deployment ensured accessibility through a user friendly web interface.

✔This project highlights the effectiveness of combining data science, domain knowledge, and cloud deployment to deliver a scalable, production-ready solution for compensation intelligence.