

DIGITAL PORTFOLIO



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PROJECT TITLE

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

AGENDA

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- 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:

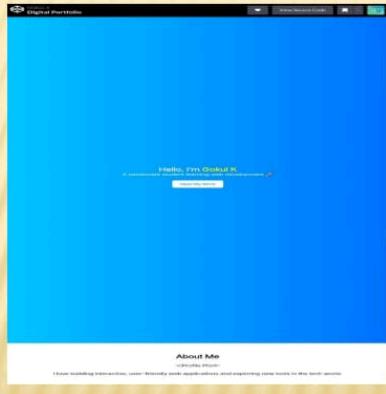
- Home/About Me
- Projects
- Skills
- Contact
- Responsive Layout (mobile + desktop view)

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 explainability added transparency, enabling users to understand key salary drivers. The Streamlit-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.

GITHUB LINK

<https://github.com/gokul20324u09024-crypto/TNSDC-FWD-DigitalPortfolio.git>

