Digital Portfolio

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DIGITAL PORTFOLIO USING

HTML , CSS , JAVASCRIPT

AGENDA

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2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio design and Layout
6. Features and Functionality
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PROBLEM STATEMENT

- Intoday’sdigital-firstworld,individualsoftenstruggletopresenttheirskills,achievements, and creative work in a structured and accessible way.
- Traditionalresumes,paperportfolios,orstaticdocumentsfailtoshowcaseinteractiveprojects, design aesthetics, and multimedia elements effectively.
- Thiscreatesagapbetweentalentandopportunities,asemployers,clients,oraudiencesfinditdifficult toevaluate the complete potentialof an individual.
- Adigitalportfoliosolvesthisproblembyprovidingadynamic,user-friendlyplatform where a person can highlight their skills, experiences, and projects in an engaging and professional manner.

However,creating sucha portfolio often faces challenges like: Lack of technical knowledge todesign and develop one. Difficulty in organizing and curating content to reflect true strengths. Limited accessibility and poor compatibility across devices. Absence of personalization that differentiates the individual from others.

PROJECT OVERVIEW

The goal of this project is to create a professional, visually appealing, and interactive digital portfolio that highlights personal skills, achievements, and creative work.

- It serves as both a self-promotion tool and a platform to showcase academic, professional, and personal projects.

WHO ARE THE END USERS?

To showcase skills,projects, and achievements.

To highlightwork samples, casestudies, and career growth. To track teaching methods, lesson plans, and achievements To present services, products, and success stories. End users: Recruiters, HR managers, admission committees, teachers, or internship providers Clients, employers, collaborators, or agencies. School administrators, students, parents, or education boards.Customers, investors, business partners.

TOOLS AND TECHNIQUES

●Tools (on Mobile with CodePen)

1. CodePen App / Mobile Browser

Use codepen.io on Chrome or Safari.

Login to save and edit your portfolio.

2. HTML (Structure)

For content like your name, about section, skills, projects, contact details.

3. CSS (Styling)

To design your portfolio with colors, fonts, layouts.

Mobile-friendly design with Flexbox or Grid.

4. JavaScript (Interactivity)

Add animations, sliders, form validation, or project filters.

5. External Libraries/Frameworks (Optional)

Bootstrap / TailwindCSS - for responsive design quickly.

FontAwesome - for icons.

Google Fonts - for stylish text.

□ Techniques

1. Responsive Design

Use @media queries so your portfolio looks good on mobile & desktop.

2. Navigation Menu (Hamburger)

Simple mobile-friendly navigation at the top.

3. Sections

Header - Name & tagline.

About Me - Short bio with photo.

Skills - List with icons or progress bars.

Projects - Grid or card layout with images/links.

Contact - Email or form.

4. Animations

CSS transitions (:hover) or small JavaScript scroll effects.

Example: fade-in sections while scrolling.

5. CodePen Embeds

If you build mini projects in CodePen, you can embed them inside your portfolio.

POTFOLIO DESIGN AND LAYOUT

FEATURES AND FUNCTIONALITY

Features of a Digital Portfolio

1. Personal Branding

Name, tagline, professional role, and profile photo.

A personal logo or unique color theme.

2. About Section

Short bio or career summary.

Background, education, and interests.

3. Skills Showcase

Technical and soft skills (with icons, progress bars, or charts).

Categorized (e.g., Web Development, Design, Tools).

1. Interactive Animations

Smooth scroll to sections.

Fade-in or slide-up animations when scrolling.

2. Search or Filter Projects

Filter projects by category (e.g., Web, Mobile, Design).

3. Embedded Media

CodePen, GitHub repos, YouTube videos, or Behance designs.

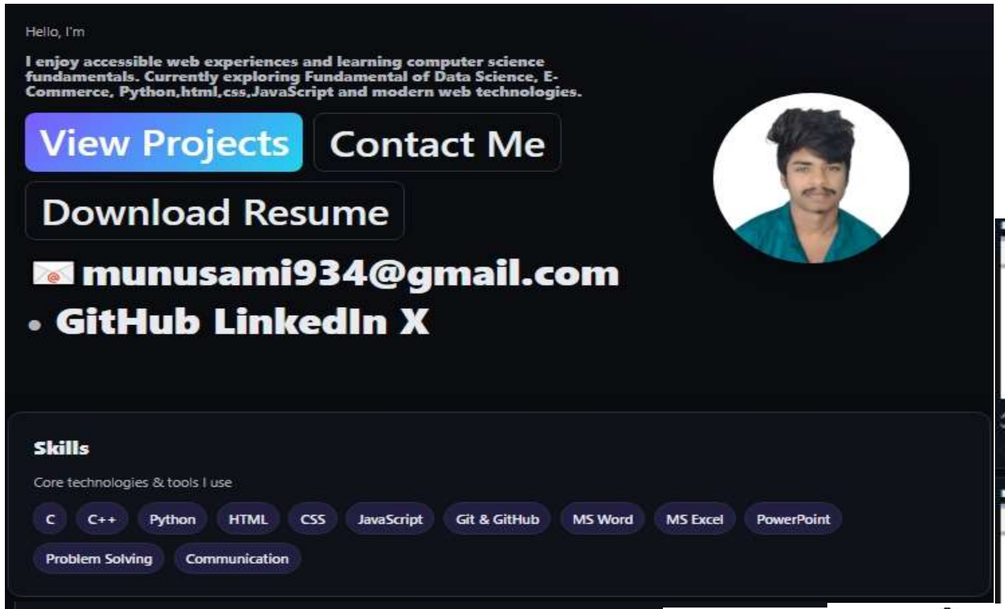
4. Theme Toggle

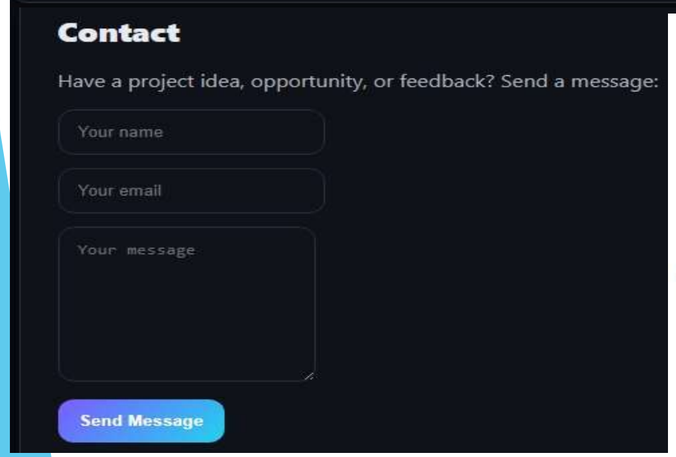
Dark mode / light mode switch.

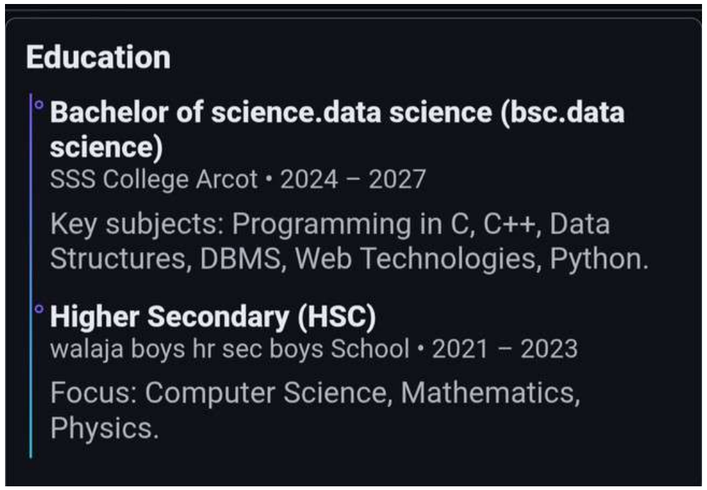
5. Analytics (Optional)

Google Analytics to track views.

RESULTS AND SCREENSHOTS







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.