

Digital Portfolio



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DEPARTMENT:BSC COMPUTER SCIENCE

COLLEGE:SSS COLLEGE ARTS &SCIENCE

UNIVERSITY:THIRUVALLUVAR UNIVERSITY



DIGITAL PORTFOLIO USING HTML , CSS , JAVASCRIPT

✓ 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-first world, individuals often struggle to present their skills, achievements, and creative work in a structured and accessible way.
- Traditional resumes, paper portfolios, or static documents fail to showcase interactive projects, design aesthetics, and multimedia elements effectively.
- This creates a gap between talent and opportunities, as employers, clients, or audiences find it difficult to evaluate the complete potential of an individual.
- A digital portfolio solves this problem by providing a dynamic, user-friendly platform where a person can highlight their skills, experiences, and projects in an engaging and professional manner.

However, creating such a portfolio often faces challenges like: Lack of technical knowledge to design 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 highlight work samples, case studies, and career growth. To track teaching methods, lesson plans, and achievements To present services, products, and success stories. End users: Recruiters, H R 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

1. ☐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



LINGAMOORTHI. P

Email: lingamoorthy2007@gmail.com

Phone: +91 6369476464

About Me

Hello! I'm **LINGAMOORTHI. P** , currently pursuing **B.Sc Computer Science** at SSS College of Arts & Science, Arcot. I am passionate about **web development, coding, and technology**. My goal is to build user-friendly and innovative digital solutions.

Skills

HTML, CSS, JavaScript
Python Basics
Problem Solving
Communication Skills
Database Fundamentals
Team Collaboration

✓ 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



LINGAMOORTHY. P

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Skills

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Communication Skills
Database Fundamentals
Team Collaboration

IBM SkillsBuild Completion Certificate



This certificate is presented to
Linga Moorthy

for the completion of

**Edunet- Front End
Web Development**

(PLAN-741582ED6C44)

According to the Your Learning Builder - Plans system of
record

**Completion
date:** 13 Sep 2025
(GMT)

Education

Computer science(Bsc)

SSS College Arcot • 2024 - 2027

Key subjects: Programming in C, C++, Data Structures, DBMS, Web Technologies, Python.

Higher Secondary (HSC)

Gowdapatil school • 2020 - 2019

Focus: Computer Science, Physics.

Achievements & Certificates

Personality Development Certificate

IBM skills WEB Development

Screenshot 2025-09-12 153759

Contact

Have a project idea, opportunity, or feedback? Send a message:

Your name:

Your email:

Your message:

Send Message

✓ 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.