

# Digital Portfolio

**NAME : G.Dineshkumar**

**REGISTER NO: 32724U18014**

**NMID NO : astvu32724010**

**COLLEGE : SSS COLLEGE ARTS & SCIENCE**

**UNIVERSITY : THIRUVULLUVAR 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, 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](https://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

Hello, I'm

## Dineshkumar — Student & Aspiring Developer

I enjoy accessible web experiences and learning computer science fundamentals. Currently exploring **C, C++, Python,html,css,JavaScript** and modern web technologies.

[View Projects](#)[Contact Me](#)[Download Resume](#)

✉ dd0479125@gmail.com • GitHub

### Skills

Core technologies & tools I use

[C](#)[C++](#)[Python](#)[HTML](#)[CSS](#)[JavaScript](#)[Git & GitHub](#)[MS Word](#)[MS Excel](#)[PowerPoint](#)[Problem Solving](#)[Communication](#)



# 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.

# RESULT AND SCREENSHOTS

Hello, I'm

Dineshkumar — Student & Aspiring Developer

I enjoy accessible web experiences and learning computer science fundamentals. Currently exploring C, C++, Python,html,css,JavaScript and modern web technologies.

View Projects

Contact Me

Download Resume

dd0479125@gmail.com

GitHub

Skills

Core technologies & tools I use

C

C++

Python

HTML

CSS

JavaScript

Git & GitHub

MS Word

MS Excel

PowerPoint

Problem Solving

Communication

Education

Bachelor of Computerscience (BCs)

SSS College Arcot • 2024 – 2027

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

Higher Secondary (HSC)

:Shanthinikiten higher school,vellore

Focus: Computer Science, Mathematics, Physics.

Personality Development Certificate

In recognition of the commitment to achieve professional excellence

Dinesh Kumar G

has successfully satisfied the requirements for:

Web Development Fundamentals

Issued on: Aug 21, 2025

Issued by: IBM SkillsBuild

IBMDL-265

URL-08D6D135B771

Awarded by HR Sir for outstanding participation in Personality Development workshop.

Soft Skills

Workshop

IBM skills WEB Development

IBM SkillsBuild Completion Certificate

This certificate is presented to

G Dinesh kumar

for the completion of

Website Testing and Deployment

(MDL-265)

According to the Moodle system of record

Completion date: 21 Aug 2025 (GMT)

Learning hours: 2 hrs 10 mins

Completed online course covering Edunet- Front End Web Development

WEB Development

Certification 1

IBM skills WEB Development

IBM SkillsBuild Completion Certificate

This certificate is presented to

G Dinesh kumar

for the completion of

Bringing Websites to Life with JavaScript

(MDL-264)

According to the Moodle system of record

Completion date: 20 Aug 2025 (GMT)

Learning hours: 2 hrs

IBM skills WEB Development

IBM SkillsBuild Completion Certificate

This certificate is presented to

G Dinesh kumar

for the completion of

Fundamentals of Web apps

(URL-08D6D135B771)

As indicated by this learner

Completion date: 21 Aug 2025 (GMT)

Learning hours: 2 hrs

Contact

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

Your name

Your email

Your message

Send Message

10

# 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.