

Digital Portfolio

NAME : R.JAGADEESWARAN

REGISTER NO : 32724U1032

NM ID : astvu32724019

COLLEGE : SSS COLLEGE ARTS & SCIENCE

UNIVERSITY : THIRUVALLUVAR UNIVERSITY

DIGITAL PORTFOLIO USING HTML,JAVASCRIPT,CSS



AGENDA

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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 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

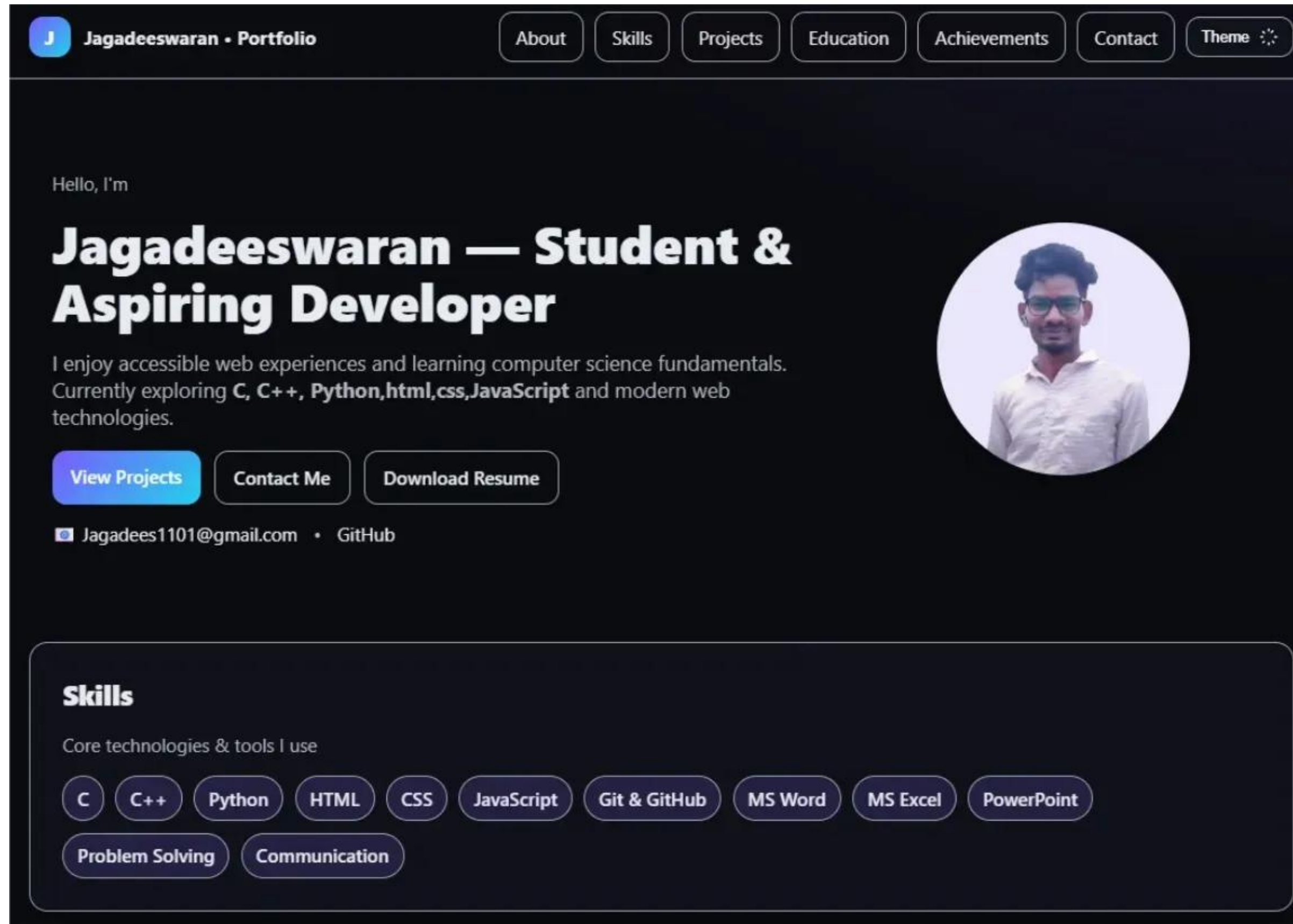
CSS transitions (:hover) or small JavaScript scroll effects.

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

Hello, I'm

Jagadeeswaran — 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](#)

✉ Jagadees1101@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)**
:Govt Hr. Sec. School Sattuvanthangal • 2021 – 2023

Focus: Computer Science, Mathematics, Physics.

J Jagadeeswaran • Portfolio [About](#) [Skills](#) [Projects](#) [Education](#) [Achievements](#) [Contact](#) [Theme](#)

Achievements & Certificates

Personality Development Certificate

In recognition of the commitment to achieve professional excellence

Jagadeeswaran R

Has successfully satisfied the requirements for:

Web Development Fundamentals

Issued on: Jul 20, 2025
Issued by: IBM SkillsBuild

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 **Jagadeeswaran R** for the completion of **Edunet- Front End Web Development** (PLAN-741582ED6C44) According to the Your Learning Builder - Plans system of record

Completion date: 13 Aug 2025 (GMT)

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 **Jagadeeswaran R** for the completion of **Earn it! Accept it! Share it! | IBM SkillsBuild** (URL-CC7432BB7A8A) As indicated by this learner

Completion date: 13 Aug 2025 (GMT) **Learning hours:** 2 mins

IBM skills WEB Development

IBM SkillsBuild Completion Certificate

This certificate is presented to **Jagadeeswaran R** for the completion of **Create a Credly account** (URL-0E39749E2965) As indicated by this learner

Completion date: 30 Jul 2025 (GMT) **Learning hours:** 5 mins

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.