

Digital Portfolio

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PROJECT TITLE

**Interactive digital port foliousing
Frontend development**

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

Lack of a centralized platform to showcase personal projects, skills, and achievements makes it difficult for individuals to present their work professionally. This portfolio solves that problem by providing a well-structured and accessible digital showcase

PROJECT OVERVIEW

This project includes:

Personal Introduction - A professional summary highlighting academic background and career goals.

Skills Section - A categorized list of technical and soft skills relevant to web development and front-end design.

Projects Showcase - Demonstration of practical work, code snippets, and real-world applications.

Certificates Gallery - Integration of 18 verified **IBM SkillBuild certificates** in Web Development and Front-End Development, displayed either as PDF links or a visual gallery.

Responsive Design - Built with HTML, CSS, and JavaScript, ensuring compatibility across desktops, tablets, and smartphones.

Interactive Features - Clean navigation, clickable certificate previews, and sections for contact details/social links.

WHO ARE THE END USERS?

Students (Primary Users):

To showcase their academic journey, projects, skills, and achievements.

Helps them during job applications, internships, and higher studies.

Teachers & Mentors:

To track students' progress and achievements.

To provide feedback and suggestions for improvement.

Employers / Recruiters:

To evaluate students' skills, certifications, and projects for hiring decisions.

Acts as a digital resume/portfolio.

Educational Institutions (Colleges/Universities):

For assessing student performance.

For maintaining student records digitally.

TOOLS AND TECHNIQUES

Tools Used

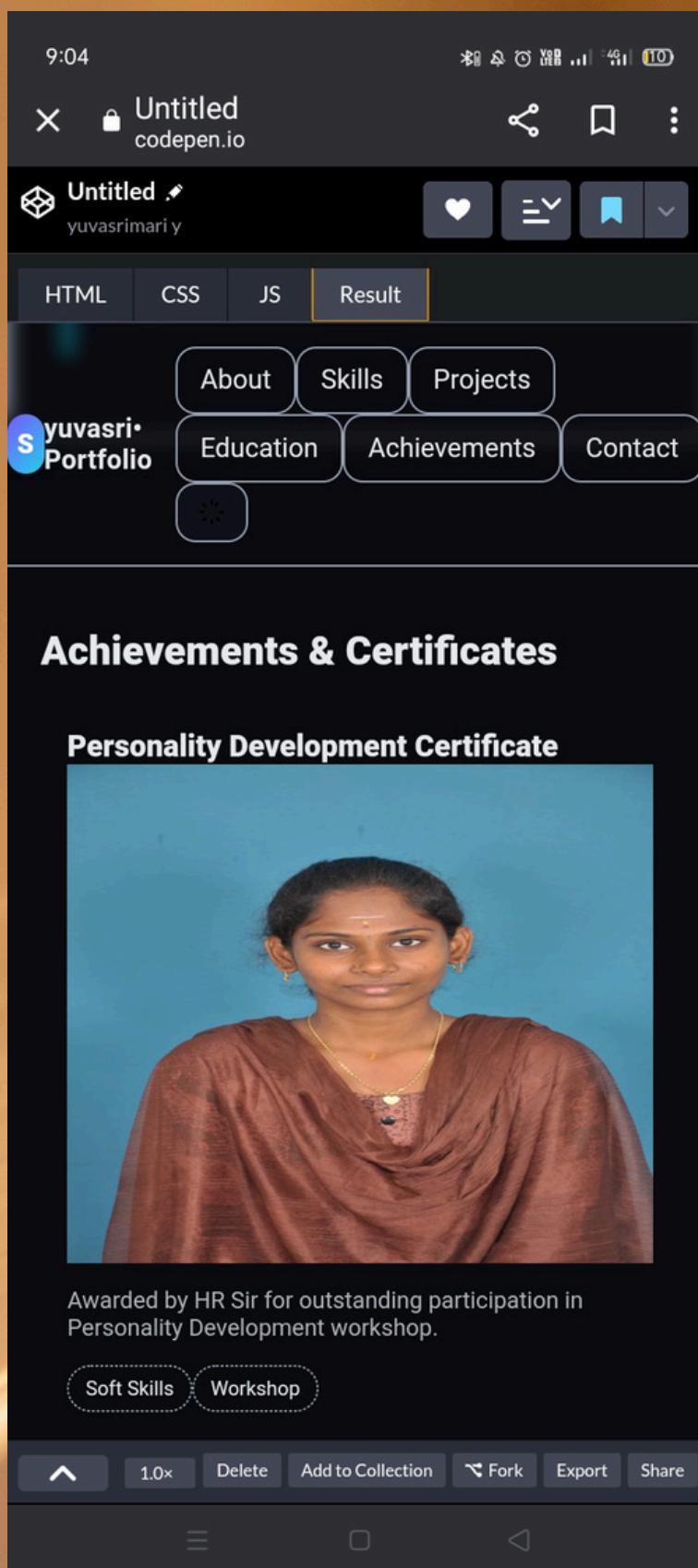
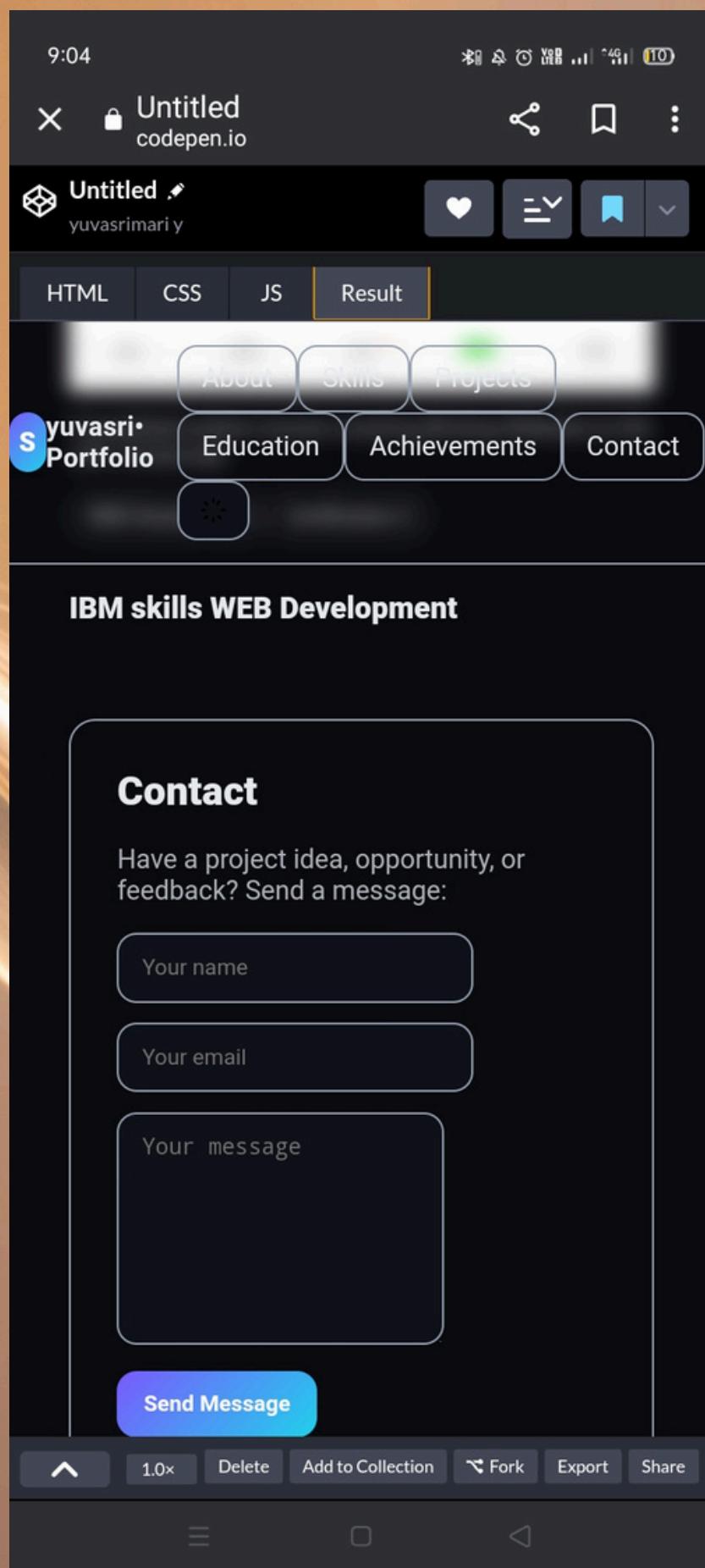
1. **Visual Studio Code (VS Code)** – as the primary code editor.
2. **Web Browsers (Google Chrome / Edge)** – for testing and previewing the website.
3. **Git & GitHub** – for version control and hosting the portfolio online (optional).
4. **Adobe Photoshop / Canva** – for editing profile and certificate images (optional).
5. **PDF Reader** – to manage certificate files.

POTFOLIO DESIGN AND LAYOUT

Clean and modern interface
Responsive grid-based design
Organized sections (About, Skills, Projects, Certificates, Contact)
Consistent color scheme and typography
User-friendly navigation

FEATURES AND FUNCTIONALITY

- Home Page** –Introduction with profile image and welcome text.
- About Section** –Personal details, education, and career goals.
 - Display of academic & practical projects.
- Projects Showcase** – IBM Skill / other certificates with images or PDFs.
- Certificates Gallery** –Email, phone, or social links for communication.
- Contact Section** – Works on desktop, tablet, and mobile.
- Interactive Elements** – Navigation menu, hover effects, smooth scrolling.



CONCLUSION

The digital portfolio provides a professional platform to showcase personal details, skills, projects, and certifications in an interactive and accessible way. It enhances visibility, supports career opportunities, and serves as a modern replacement for traditional portfolios.