

# 1. Problem Statement

In today's digital era, having a personal portfolio is essential for showcasing skills, projects, and achievements. Many students and developers rely only on resumes, which often fail to provide an interactive and engaging representation of their capabilities. The problem addressed here is creating a responsive, modern, and visually appealing portfolio website that highlights academic background, skills, certifications, and projects.

## 2. Project Overview

This project is a personal portfolio website for Surya Prakash A. designed with HTML, CSS, and JavaScript. The website serves as a digital resume, offering quick access to information such as About Me, Education, Skills, Projects, Certificates, Resume, and Contact details.

The website also uses scroll animations and gradient backgrounds to enhance the user experience.

# 3. End Users

Recruiters & Hiring Managers to evaluate skills and projects.

Peers & Collaborators to connect for projects or learning.

Instructors / Academic Reviewers to validate portfolio work.

General Audience anyone who wants to know about Surya's skills and achievements.

# 4. Tools and Technologies

TML5 for structure

CSS3 (with animations, transitions, gradients) for styling

JavaScript (Scroll Reveal) for interactivity

Responsive Design Techniques to ensure usability on desktops, tablets, and mobiles

Image Assets (Certificates, Resume, Profile Picture)

# 5. Portfolio Design and Layout

Header Section Profile picture, Name, and Title

Navigation Bar - Sticky menu with smooth scroll links

About Section Brief introduction

Education Section Academic qualifications

Skills Section Programming skills

Projects Section Project details with descriptions

Certificates Section Links to certificates Coursera. Udemy. etc.)

Resume Section - Downloadable resume link

Contact Section Email, phone, and address

The website follows a single-page scroll layout with smooth animations.

# 6. Features and Functionality

Responsive design for multiple devices

Sticky navigation bar for easy access

Animated background gradient for a modern look

Scroll reveal animations for engaging user interaction

Downloadable resume link

Clickable certificates that open in a new tab

Contact information displayed clearly

# 7. Results and Screenshots

Successfully built a responsive and visually appealing portfolio.

Website showcases education, skills, projects, and certificates.

Smooth animations enhance presentation.

Resume can be easily downloaded.

Here, you can add screenshots of your portfolio homepage, skills section, and projects section.)



# Surya Prakash A

B.Sc Computer Science | Web Developer

about

Education

Skills

Projects

Certificates

Contact



# Education

SSLC, HSC, B.Sc. COMPUTER SCIENCE

# Skills

C

C++

Python

# Projects

**Student Management System:** A system developed in C++ with database integration.

**Portfolio Website:** My personal responsive portfolio website.

# Certificates

Python Programming Certification - Coursera

Web Development Bootcamp - Udemy

# Resume

You can view or download my resume below:



[Download Resume](#)

# Contact

Email: [surya22pragash@gmail.com](mailto:surya22pragash@gmail.com)

Phone: +91 9677487243

Address: 6/105 Periyakannur, Avinashi, Tiruppur, 641-654

# About Me

I am a Computer Science graduate with a strong interest in programming and databases.

# 8. Conclusion

The personal portfolio website serves as a digital identity for Surya Prakash A. It not only highlights technical skills and academic background but also demonstrates practical knowledge of web development. This project successfully addresses the need for a professional and modern portfolio.

Future enhancements could include:

- Adding a blog section

- Integrating a contact form with backend (PP/Node.js)

- Hosting the website on GitHub Pages or Netlify



## 9. GitHub Link

GitHub Repository for Portfolio (replace with your actual repo link)