



DIGITAL PORTFOLIO

STUDENT NAME : SRINIVASAN S

REGISTER NO AND AND NMID : astvu35635624U09043

DEPARTMENT : BCA - II YEAR

COLLEGE : GASC / THIRUVALLUR UNIVERSITY



PROJECT TITLE

INTERACTIVE WEBFOLIO A DYNAMIC PORTFOLIO PROGRAM

PROBLEM STATEMENT

In today's competitive digital space, individuals and companies need a strong online presence. Traditional resumes and offline portfolios are not enough to demonstrate design creativity and technical expertise. Recruiters, clients, and collaborators often face difficulty:

- ❖ Identifying the actual design capabilities of candidates.
- ❖ Understanding project workflows and user-centered design thinking.
- ❖ Accessing past work samples in an interactive, engaging way.

PROJECT OVERVIEW

AGEN A is a personal web-based portfolio showcasing Web Design & UI/UX projects. It is built with:

- ❖ Aesthetic, modern, and responsive layouts. Case studies of past projects with wireframes, mockups, and prototypes.
- ❖ Integration of web development and design tools.
- ❖ An interactive interface for smooth user experience.
- ❖ The portfolio demonstrates design principles, creativity, and coding skills in one platform.

END USERS

- The primary end users are: Recruiters/Employers → To evaluate skills, projects, and creativity.
- Clients/Companies → To explore design services and hire for freelance/contract work.
- Peers/Collaborators → To connect and work together on design projects.
- 6Students & Learners → To get inspiration and learn design practices.

TOOLS AND TECHNOLOGIES

- Design Tools: Figma, Adobe XD, Sketch, Photoshop, Illustrator
- Frontend Development: HTML5, CSS3, JavaScript, React.js
- Styling & Frameworks: Tailwind CSS, Bootstrap
- Prototyping & Wireframing: Figma / Adobe XD
- Version Control: Git & GitHub
- Hosting Platforms: GitHub Pages, Netlify, Vercel

PORTFOLIO DESIGN AND LAYOUT

The design follows UI/UX best practices:Homepage:

- Introduction, tagline, and navigation.
- About Section: Background, skills, and career objective.
- Projects Section: Case studies with:Problem
- Design process (wireframes, mockups, prototypes)
- Final outcome/screenshots

FEATURES AND FUNCTIONALITY

- Fully responsive design for all devices
- Smooth navigation with interactive UI components
- Dark & Light mode options
- Animated project showcases (cards, sliders, hover effects)
- Downloadable resume (PDF)
- Integrated contact form with email functionality
- GitHub integration for live projects and code access
- Portfolio projects displayed with wireframes → mockups → final

RESULTS AND SCREENSHOTS

- Clean, modern, and responsive portfolio website.
- Recruiters/clients can interactively explore skills and case studies.
- Increased professional visibility and opportunities.
- Example screenshots (to be inserted):

Homepage UI

Project showcase with design process

Interactive dashboard mockup

CONCLUSION

- AGEN A demonstrates the combination of web development skills and UI/UX design principles in a single portfolio system. It:
- Showcases creativity, skills, and projects in an engaging manner.
- Helps recruiters and clients quickly evaluate expertise.
- Serves as a personal brand identity and professional presence.