

Digital Portfolio



STUDENT NAME: S. SHALINI

REGISTER NO AND NMID: 2DC942C8C797C29AFB34164FCEAD1A49

DEPARTMENT: BSC.COMPUTER SCIENCE

COLLEGE: SSKV COLLEGE OF ARTS AND SCIENCE COLLEGE FOR
WOMEN/ MADRAS UNIVERSITY



**PROJECT
TITLE**



INTERACTIVE DIGITAL PORTFOLIO USING FRONTEND WEB DEVELOPMENT



AGEND

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PROBLEM STATEMENT



A digital portfolio addresses this challenge by providing an online, interactive platform where individuals can present their academic background, professional experience, research work, projects, certifications, and personal achievements. However, many people struggle with designing and developing a portfolio that is visually appealing, user-friendly, responsive across devices, and easy to update.



PROJECT OVERVIEW

This project is a personal academic portfolio website for Professor Shalini, built using HTML, CSS, and JavaScript. It provides a professional platform to showcase her academic qualifications, research interests, publications, and teaching experience, while also including a contact section for networking and collaboration. The website features a clean design with responsive layout and smooth scroll animations for better user experience, making it accessible across devices. It serves as a digital profile that highlights her expertise, achievements, and contributions in a structured and interactive way.



WHO ARE THE END USERS?

1. **Students** – who want to learn about Professor Shalini's courses, academic background, and research areas.
2. **Researchers & Academicians** – who may be interested in her research publications, collaborations, or academic expertise.
3. **Colleagues & Institutions** – who can review her professional profile for academic networking or institutional purposes.
4. **General Audience / Professionals** – who wish to connect with her for seminars, workshops, or professional opportunities.

TOOLS AND TECHNIQUES



Tools and Techniques Used

This portfolio website was developed using HTML5, CSS3, and JavaScript.

HTML5 was used to structure the content of the web pages, including sections like About, Education, Research, Publications, Teaching, and Contact.

CSS3 was applied to style the website, implement responsive design, and create a professional card-based layout.

JavaScript was used to add interactivity, including smooth scrolling and fade-in animations for better user experience.

The project was implemented and tested on CodePen, an online development environment that allows writing and previewing HTML, CSS, and JavaScript code in real time.

POTFOLIO DESIGN AND LAYOUT

The portfolio website follows a clean, professional, and responsive design with a section-based layout. The homepage starts with a header displaying the professor's name and designation, followed by a navigation bar for smooth movement between sections. Each section—About, Education, Research, Publications, Teaching, and Contact—is presented in a card-based format for readability and visual appeal. A consistent color theme with green highlights and white card backgrounds was used to maintain simplicity and professionalism. The layout is responsive, ensuring the website adjusts well on desktops, tablets, and mobile devices. Additionally, JavaScript-powered scroll animations enhance the user experience by making content appear smoothly as users navigate the site.

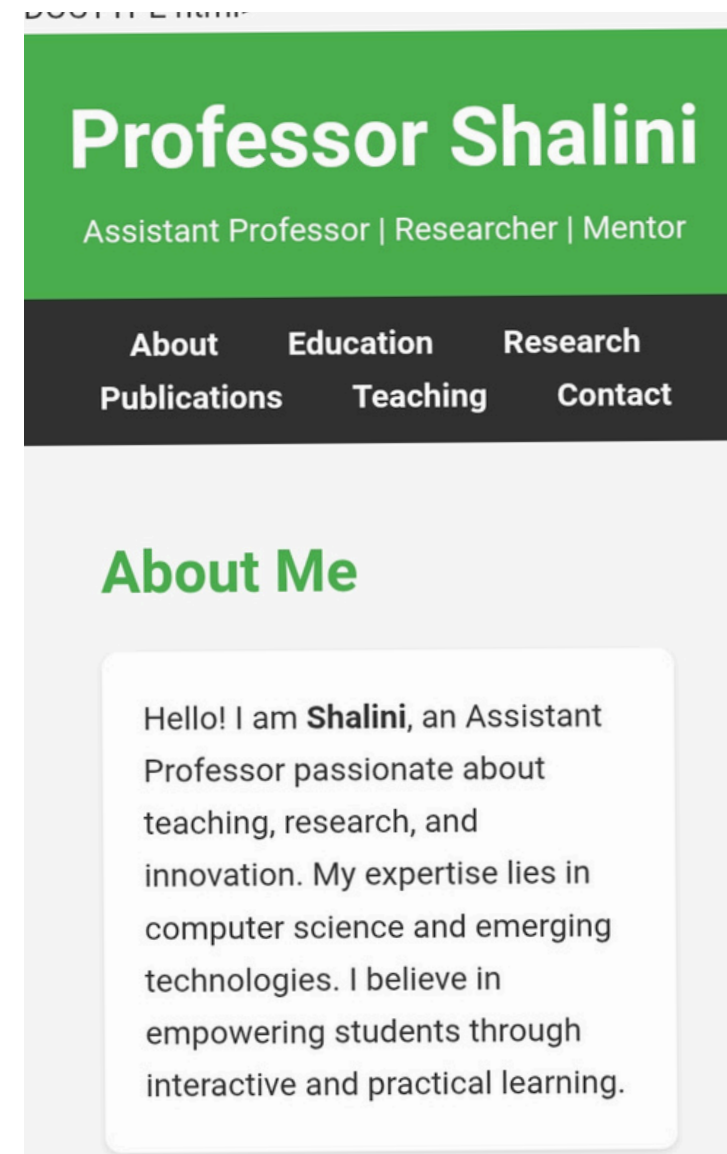
FEATURES AND FUNCTIONALITY

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The portfolio website includes the following features and functionalities:

1. **Navigation Bar** – Provides quick links to different sections (About, Education, Research, Publications, Teaching, Contact).
2. **About Section** – Introduces Professor Shalini with a professional overview.
3. **Education Section** – Displays academic qualifications in a structured list.
4. **Research Section** – Highlights major research interests and focus areas.
5. **Publications Section** – Lists selected journal articles and papers.
6. **Teaching Section** – Showcases courses taught and teaching expertise.
7. **Contact Section** – Provides email and social media links for communication.
8. **Responsive Design** – Ensures the website adapts to different screen sizes (desktop, tablet, mobile).
9. **Card-Based Layout** – Improves readability and maintains a professional design.
10. **JavaScript Scroll Animation** – Adds fade-in effects when scrolling for better interactivity.

RESULTS AND SCREENSHOTS



RESULTS AND SCREENSHOTS



6:02 PM 0.2KB/s



Education

- Ph.D. in Computer Science – XYZ University
- M.Tech in Information Technology – ABC Institute
- B.Tech in Computer Science – DEF College

Research Interests

My research focuses on:

- Artificial Intelligence & Machine Learning
- Data Science & Big Data Analytics
- Cloud Computing
- Cybersecurity

RESULTS AND SCREENSHOTS



Publications

- Shalini, S. (2023). Advances in Machine Learning Algorithms. *International Journal of Computer Science*.
- Shalini, S. (2022). Data Security in Cloud Platforms. *Journal of Cybersecurity Research*.
- Shalini, S. (2021). Applications of AI in Healthcare. *AI Research Journal*.

Teaching

I have taught the following courses:

- Introduction to Programming
- Database Management Systems
- Artificial Intelligence

RESULTS AND SCREENSHOTS



I have taught the following courses:

- Introduction to Programming
- Database Management Systems
- Artificial Intelligence
- Web Development

Contact

Email:

shalini.professor@example.com

LinkedIn: [linkedin.com/in/shalini](https://www.linkedin.com/in/shalini)

Google Scholar:

scholar.google.com/shalini

CONCLUSION

The portfolio website was successfully designed and developed using HTML, CSS, and JavaScript on CodePen. The project achieved its objective of creating a professional, responsive, and user-friendly digital profile that highlights academic qualifications, research interests, publications, and teaching experience. Features such as a clean card-based layout, smooth navigation, and scroll animations improve readability and interactivity. Overall, the portfolio serves as an effective platform for students, researchers, and professionals to explore expertise and connect for academic and professional opportunities.