

Global warming

E.Arunkumar

Astvu32124u18005

Bsc.computer science

Muthurangam government arts college -thiruvalluvar University

Global warming

- ▶ Interactive digital portfolio showcasing global warming solutions, blending technical (GIS, Python) and business (consulting, policy) expertise for environmental professionals.

Agenda

1.Portfolio design and Layout

- 2.Tools and Technologies
- 3.Problem Statement
- 4.Features and Functionality
- 5.Project Overview
- 6.Results and Screenshots
- 7.Conclusion
- 8.Github Link

Problem statement

- ▶ Problem Statement Key Words: Static resumes, insufficient, showcase skills/projects, students/professionals, lack structured online presence, interactive digital portfolio, accessible platform, achievements, experiences.

Project overview

- ▶ Objective: Interactive digital portfolio for global warming solutions.
- ▶ Features: Responsive design, CSS Grid, red-blue theme , smooth scrolling, form validation.
- ▶ Content: Technical (GIS, Python, climate modeling), business (consulting, policy) skills, project showcases.
- ▶ Purpose: Overcome resume limitations, engage employers/clients in environmental science.

Who are the end users?

- ▶ Students: Environmental science, global warming projects, internships, academia.
- ▶ Professionals: Climate scientists, sustainability consulting, jobs, freelance.
- ▶ Employers: NGOs, government, firms, evaluating skills/projects.
- ▶ Clients: Organizations seeking climate change solutions.
- ▶ Collaborators/Educators: Peers, mentors, partnerships, feedback.

Tools and Techniques used

- ▶ Utilizes grid and flexbox layouts to adapt the portfolio for various screen sizes.
- ▶
- ▶ Incorporates media queries in CSS to adjust layout and font sizes for mobile and tablet devices, ensuring accessibility and optimal viewing experience

Portfolio design and Layout

- ▶ Simple Layout: Content is organized in clear, individual sections—About, Skills, Projects, Experience, Contact, and Footer—making the site easy to scan and navigate.
- ▶ Sticky Navigation Bar: The navigation remains visible on top, aiding smooth movement between important sections on any device.
- ▶ Card-Based Grids: Projects, skills, and experiences are displayed in visually distinct cards within grid layouts that offer symmetry, balance, and plenty of whitespace for readability and focus

Features and functionality

- ▶ This code provides key features and functionality essential for a professional portfolio website, making it appealing, informative, and user-friendly.
- ▶ Header & Hero Section: Introduces the owner (name, profession, specialty) with a stylish gradient background for instant impact.
- ▶ Sticky Navigation Bar: Easy movement to different sections, staying visible as users scroll.
- ▶ Responsive Layout: Grids and media queries ensure the site looks great and functions smoothly on desktops, tablets, and phones.

Result and screenshot

About Me

I am E.Arunkumar a climate scientist dedicated to combating global warming through innovative technology and strategic policy solutions. My expertise in GIS, climate modeling, and sustainability consulting drives impactful environmental change.


Result and screenshot



Result and screenshot

Projects

Carbon Footprint Map




Carbon Footprint
Map

Developed a GIS-based tool to map carbon emissions, reducing emissions by 18% in targeted regions.

[View Project](#)

Climate Impact Dashboard




Climate Impact
Dashboard

Built a Python-based dashboard to track global warming trends, aiding policy decisions.

[View Project](#)

Renewable Energy Plan



Renewable Energy
Plan

Consulted on a business strategy for renewable energy adoption, cutting carbon emissions by 15%.

[View Project](#)

Result and screenshot

Experience

Climate Data Analyst

GreenFuture Solutions | 2023 - Present

Analyzed climate data using GIS and Python, delivering

insights for global warming mitigation.

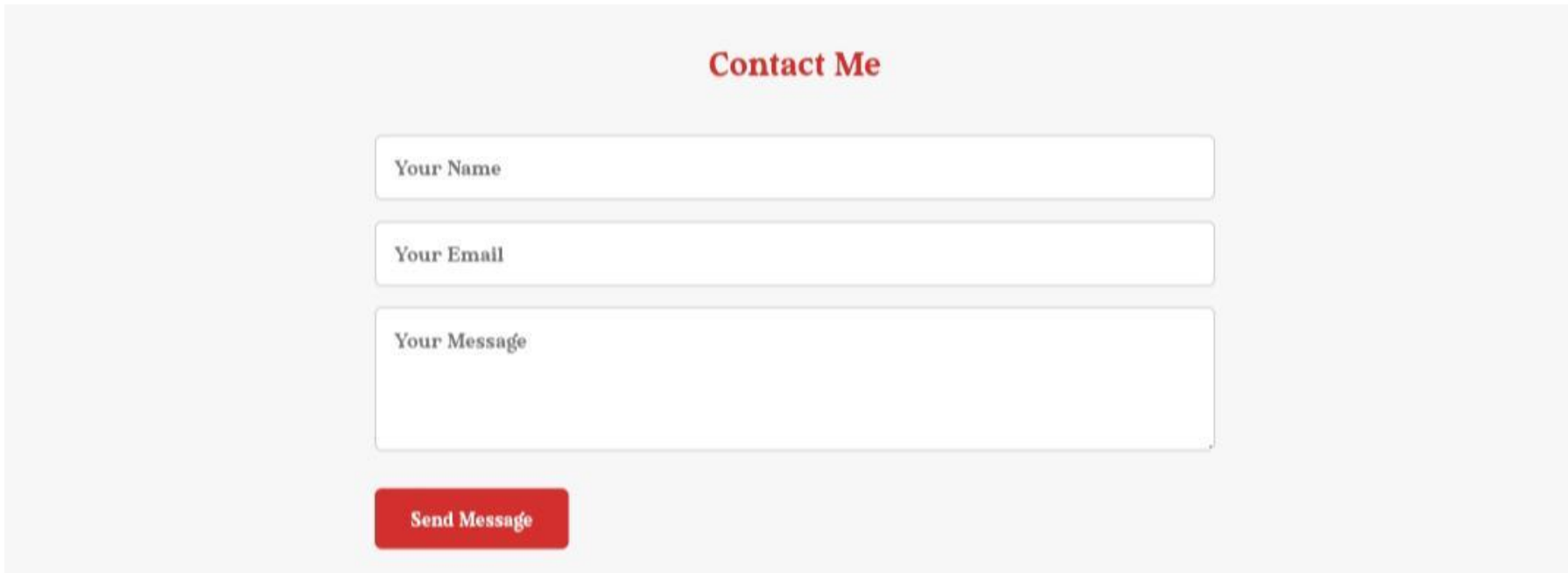
Sustainability Consultant

Eco Innovations | 2021 - 2023

Developed policies to reduce carbon footprints,

enhancing client sustainability goals.

Result and screenshot



Contact Me

Your Name

Your Email

Your Message

Send Message

The image shows a web form titled "Contact Me" in a bold, dark red font. Below the title are three input fields: "Your Name", "Your Email", and "Your Message". Each field has a light gray border and a small gray shadow. The "Your Message" field is a larger text area. At the bottom of the form is a red button with the text "Send Message" in white. The entire form is set against a light gray background.

Conclusion

- ▶ The site's sectioned layout and responsive design ensure excellent navigation and user experience, critical for professional portfolios in science and sustainability fields.
- ▶
- ▶ Content emphasizes domain-relevant projects and real-world impact, aligning with current standards for showcasing environmental science, climate modeling, and data analysis skills.
- ▶
- ▶ Features such as interactive grids, a contact form, and smooth navigation foster connections while supporting clarity and accessibility.

Thanking you