Digital Portfolio

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PROJECT TITLE

Student Portfolio

AGENDA

1.Problem Statement
2. Overview
3.End Users
4.Technologies
5.design and Layout
6.Features
7.Results and Screenshots
8.Conclusion
9.Github Link

PROBLEM STATEMENT

In today's digital age, students and professionals need a centralized platform to showcase their skills and projects. Traditional resumes are static and limiting. A self-developed digital portfolio solves this by providing a dynamic and comprehensive showcase of one's abilities and creativity.

OVERVIEW

This project involved developing a fully responsive, single-page portfolio website from scratch using HTML, CSS, and JavaScript. The objective was to create a professional online presence that highlights my educational background, technical skills, academic projects, and interests in AI/ML, serving as an interactive resume and central hub for my academic career.

WHO ARE THE END USERS?

- **Recruiters & Companies:** To assess technical skills and project experience for internships and entry-level positions.
- **University Professors & Peers:** For academic collaboration, project reviews, and networking.
- **Hackathon & Project Collaborators:** To understand my skill set for potential team formations.
- **Myself:** A living document of my learning progress and achievements in AI/ML.

TECHNIQUES

- **Frontend:** HTML5, CSS3, JavaScript (ES6+)
- **Styling:** Custom CSS with Flexbox & Grid for layout
- **Icons & UI:** Font Awesome Icons
- **Design Principles:** Mobile-First Responsive Design
- **Version Control:** Git & GitHub
- **Code Editor:** VS Code

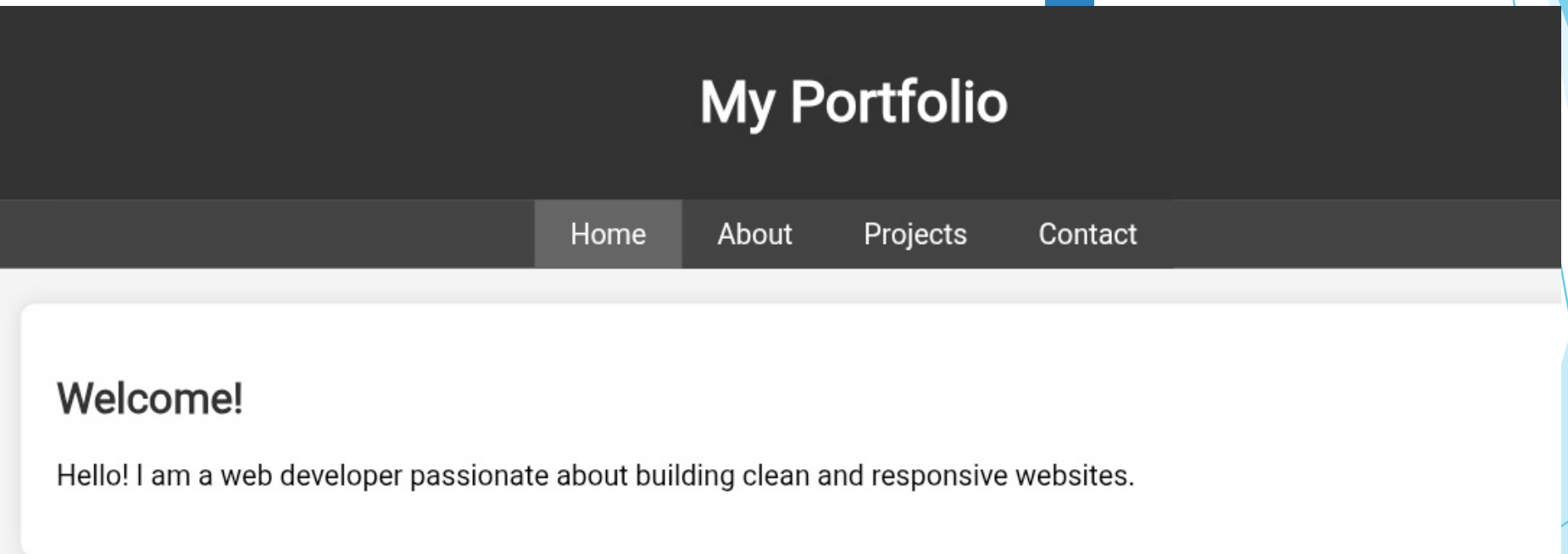
DESIGN AND LAYOUT

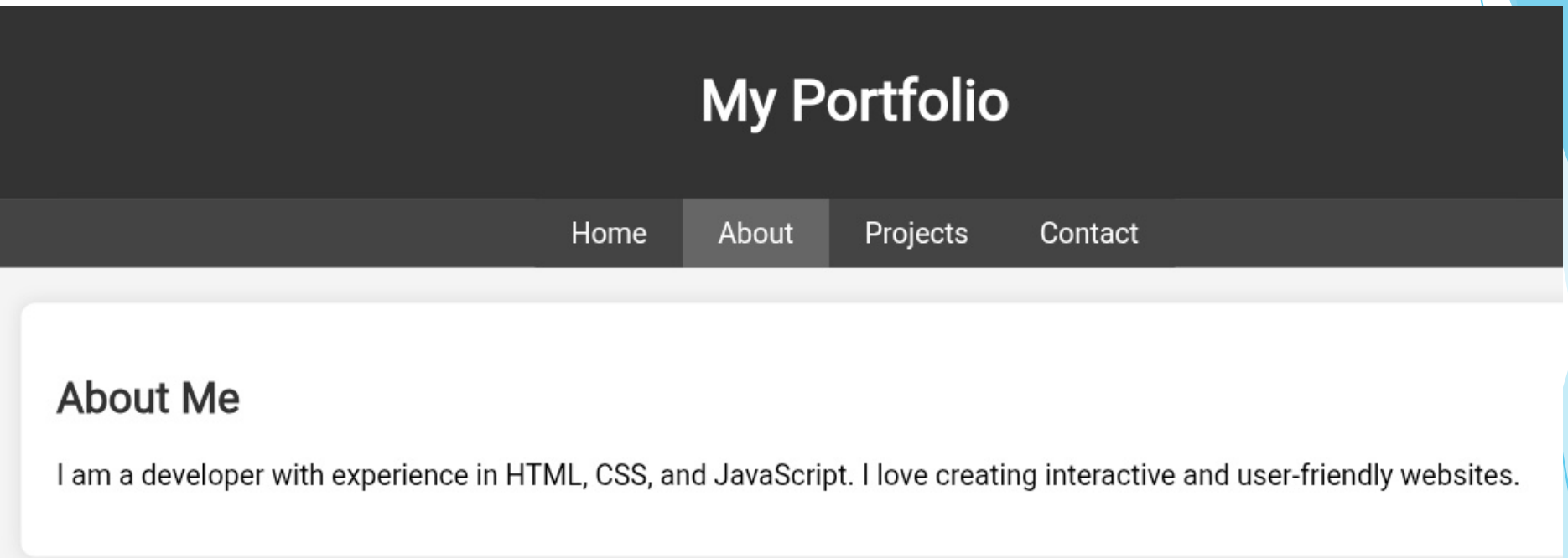
1. **Navigation Bar:** Fixed header with links to all sections.
2. **Hero:** Personal introduction with call-to-action buttons.
3. **About:** Personal bio and key skill tags.
4. **Education:** Timeline of academic qualifications.
5. **Projects:** Grid layout showcasing 3 projects with tech stacks.
6. **Skills:** Visual skill bars categorized by Programming, AI/ML, and Web Tech.
7. **Interests:** Card-based layout for AI/ML passions.
8. **Contact:** Contact information and functional form.
9. **Footer:** Social media links and copyright.

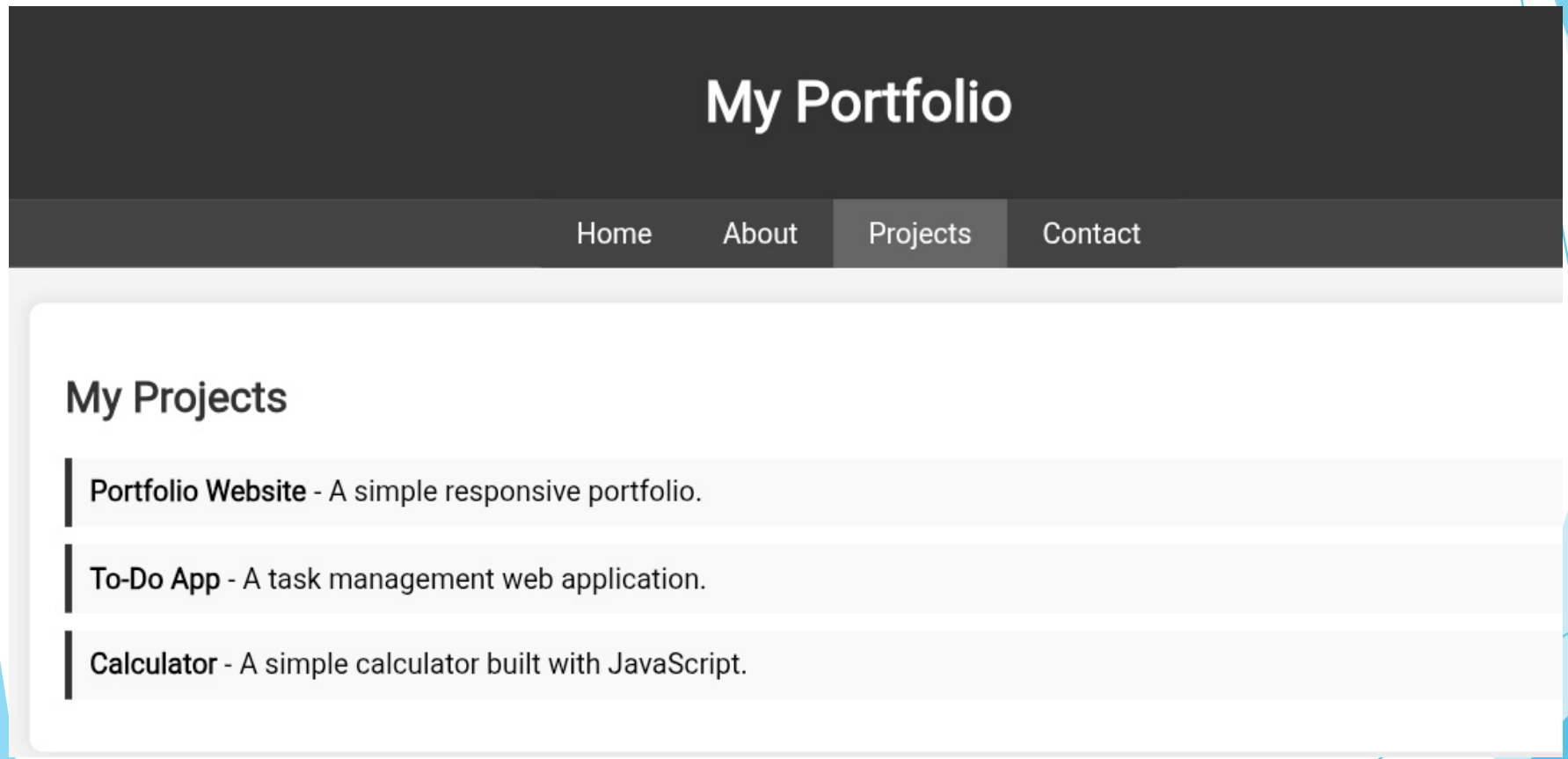
FEATURES

- **Fully Responsive:** Adapts seamlessly to desktop, tablet, and mobile devices.
- **Interactive UI:** Smooth scrolling navigation, hover effects on buttons and cards.
- **Dynamic Skills Section:** Visual progress bars to quantify proficiency levels
- **Functional Contact Form:** Client-side validation for user inputs.
- **Mobile-Friendly Navigation:** Hamburger menu for smaller screens.

RESULTS AND SCREENSHOTS




My Portfolio
Home
About
Projects
Contact
About Me
I am a developer with experience in HTML, CSS, and JavaScript. I love creating interactive and user-friendly websites.


My Portfolio
Home
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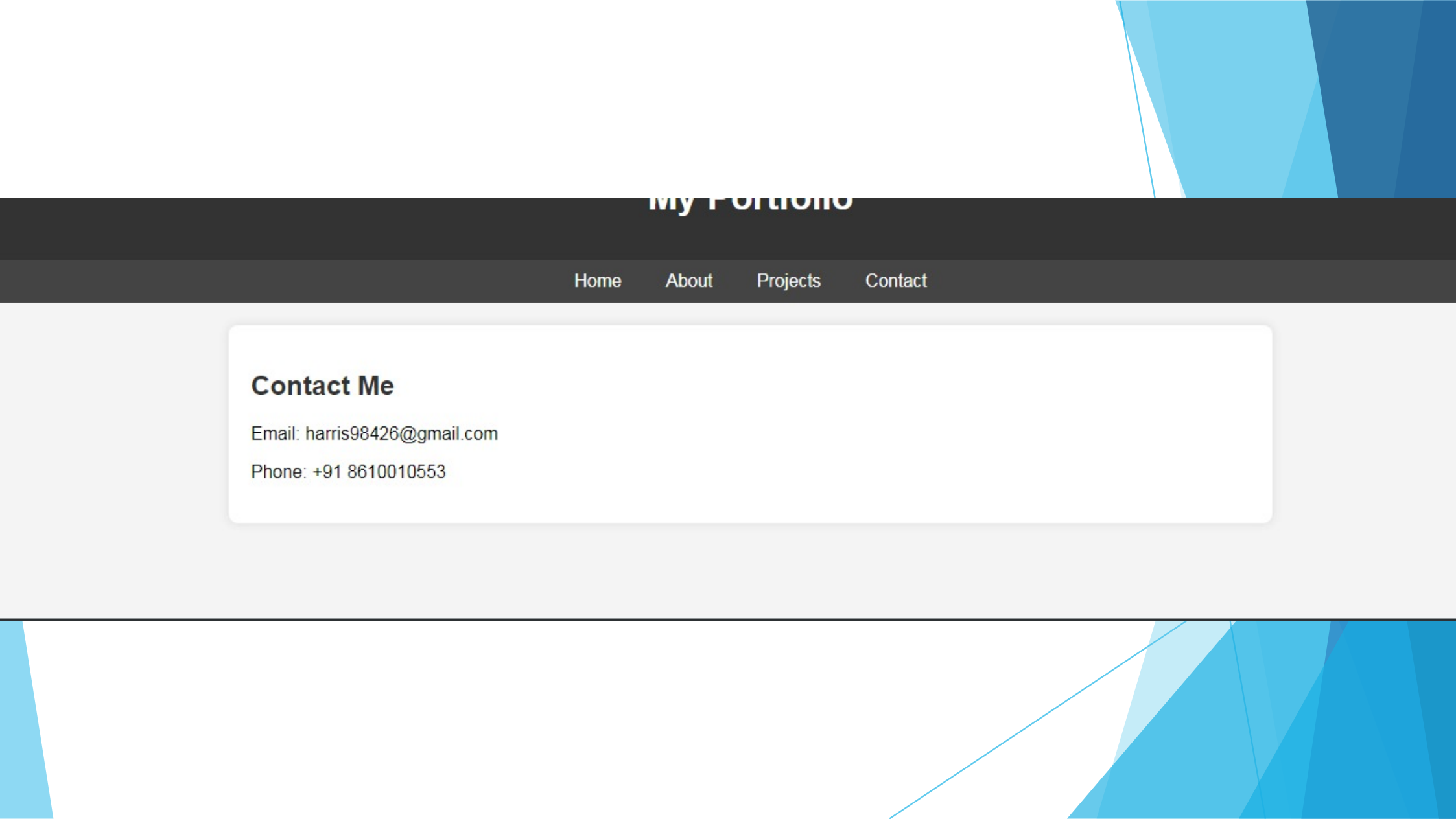
My Projects
Portfolio Website - A simple responsive portfolio.
To-Do App - A task management web application.
Calculator - A simple calculator built with JavaScript.


My Portfolio
Home
About
Projects
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CONCLUSION

This portfolio project was an excellent practical application of front-end development skills. It successfully demonstrates my ability to design, code, and deploy a modern, responsive website. More than just a project, it acts as the primary showcase for my AI/ML journey, highlighting my technical skills, projects, and passion for the field. It is a foundational asset that I will continually update throughout my academic and professional career.