Digital Portfolio

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PROJECT TITLE

Digital Dynamic Portfolio

AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio design and Layout
6. Features and Functionality
7. Results and Screenshots
8. Conclusion
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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.

PROJECT 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.

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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.

TOOLS AND 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

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POTFOLIO 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.
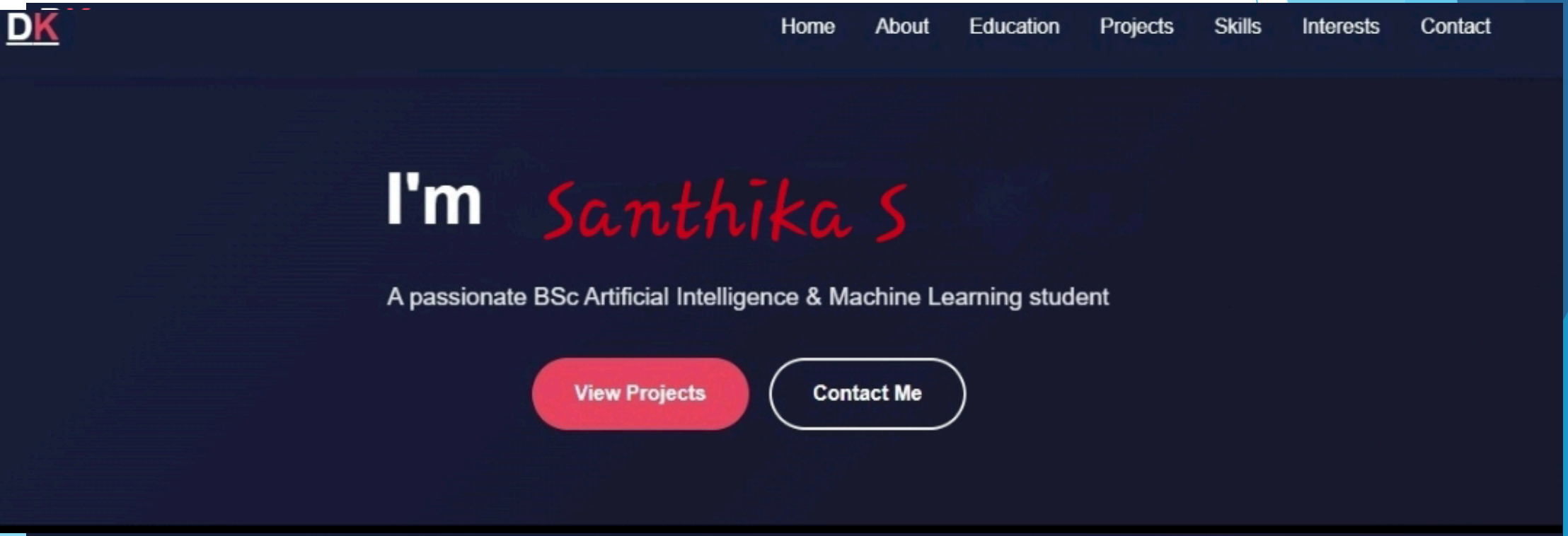9. **Footer:** Social media links and copyright.

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FEATURES AND FUNCTIONALITY

❖ **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

About Me

Hello! I'm Dharmaprakash K, a BSc Artificial Intelligence and Machine Learning student based in India. I'm passionate about AI technologies and enjoy learning about machine learning algorithms, data analysis, and intelligent systems. Although I'm still a student with no professional experience yet, I'm constantly expanding my knowledge through coursework and self-study. I'm eager to apply my skills to real-world problems and contribute to the field of artificial intelligence.

Python Machine Learning Data Analysis Statistics SQL

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My Education

BSc in Artificial Intelligence & Machine Learning

Currently pursuing my degree with focus on AI algorithms, machine learning, and data science

2025 - Present

Higher Secondary Education

Completed with focus on Computer Science and Mathematics

2024

My Projects

Weather App

A simple weather application that displays current weather conditions and forecasts for different locations using API integration.

HTML CSS JavaScript API

Task Manager

A task management application that allows users to create, edit, and organize tasks with priority levels and due dates.

Python Tkinter SQLite

Scientific Calculator

A fully functional scientific calculator with advanced mathematical functions, memory operations, and a user-friendly interface.

Java Swing OOP

My Skills

Programming

Python   75%

Java   60%

C Programming   70%

AI/ML

Machine Learning   65%

Data Analysis   70%

Statistics   80%

Web Technologies

HTML/CSS   85%

JavaScript   60%

SQL   75%

My Interests

Machine Learning
Exploring algorithms and models that enable computers to learn from data

Data Analysis
Extracting insights and patterns from complex datasets

AI Applications
Developing practical AI solutions for real-world problems

Programming
Building software solutions and improving coding skills

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Your Name

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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.

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