

Machine Intellect Society Website

Overview

This project is a website for the Machine Intellect Society, the AI student club of KLS GIT. The website provides information about the club's mission, vision, and upcoming events.

Implementation Details

How the Task Was Implemented

The website was built using HTML, CSS, and JavaScript to ensure a responsive and interactive experience.

A hamburger menu was added for mobile navigation, allowing users to toggle the menu when needed.

The logo was positioned on the top left, overlapping the title, while keeping the title centered.

CSS Flexbox and media queries were used to ensure responsiveness across different screen sizes.

The navigation menu is displayed vertically stacked on both mobile and desktop views.

The events section dynamically loads data from a JSON file using JavaScript and fetch().

Challenges Faced & Solutions

Aligning the Logo & Title Properly

Initially, the logo and title were not aligned as expected.

Solution: Used absolute positioning to overlay the logo while keeping the title in the center using flexbox.

Hamburger Menu Layout Issues

On desktop, the menu items were displaying horizontally instead of stacking vertically.

Solution: Added flex-direction: column; in the CSS and used media queries to ensure a proper layout.

Ensuring Cross-Browser Compatibility

Some browsers had inconsistencies in rendering flexbox and backdrop filters.

Solution: Used CSS fallbacks and tested across different browsers.

Tools & Technologies Used

Frontend: HTML, CSS, JavaScript

Design & Styling: CSS Flexbox, Glassmorphism effect

Interactivity: JavaScript (DOM Manipulation, Event Listeners)

Data Handling: JSON for event listings

Version Control & Deployment: GitHub, GitHub Pages