COLLEGE CODE : 9623

COLLEGE NAME : Amrita College of Engineering and Technology

DEPARTMENT : Computer Science and Engineering

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ROLL NO : 962323104019

DATE : 27-10-2025

Completed the project named as Phase 5

TECHNOLOGY PROJECT NAME : Dynamic Image Slider

SUBMITTED BY,

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🖼️ Project Title: Dynamic Image Slider

Overview:
The *Dynamic Image Slider* is a web-based application that allows users to upload, manage, and display images in an interactive slideshow format. The images transition automatically and can be navigated manually using next/previous buttons.

Key Features:

- Auto-sliding images with customizable timing
- Manual navigation using arrows/dots
- Add, edit, or remove images dynamically
- Responsive UI (works on desktop and mobile)
- Lightweight and fast transitions (CSS/JS based)

Demo Flow:

1. Open the web app homepage.
2. User sees a default image carousel.
3. Admin/User uploads new images via an upload form.
4. The image list updates dynamically without page reload.
5. The slider cycles through uploaded images automatically.

Tech Stack Used:

- **Frontend:** HTML, CSS, JavaScript / React (if applicable)
- **Backend:** Node.js + Express (if applicable)
- **Database:** MongoDB / JSON / Local Storage (depending on your implementation)

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2. Project Report

Abstract:
The Dynamic Image Slider project aims to build a flexible and reusable image carousel component for websites or web applications. It supports both automatic and manual image transitions and offers the ability to dynamically update image content.

Objectives:

- Build a reusable and customizable image slider component

- Provide smooth animation and responsive design
- Enable dynamic image addition without reloading the page

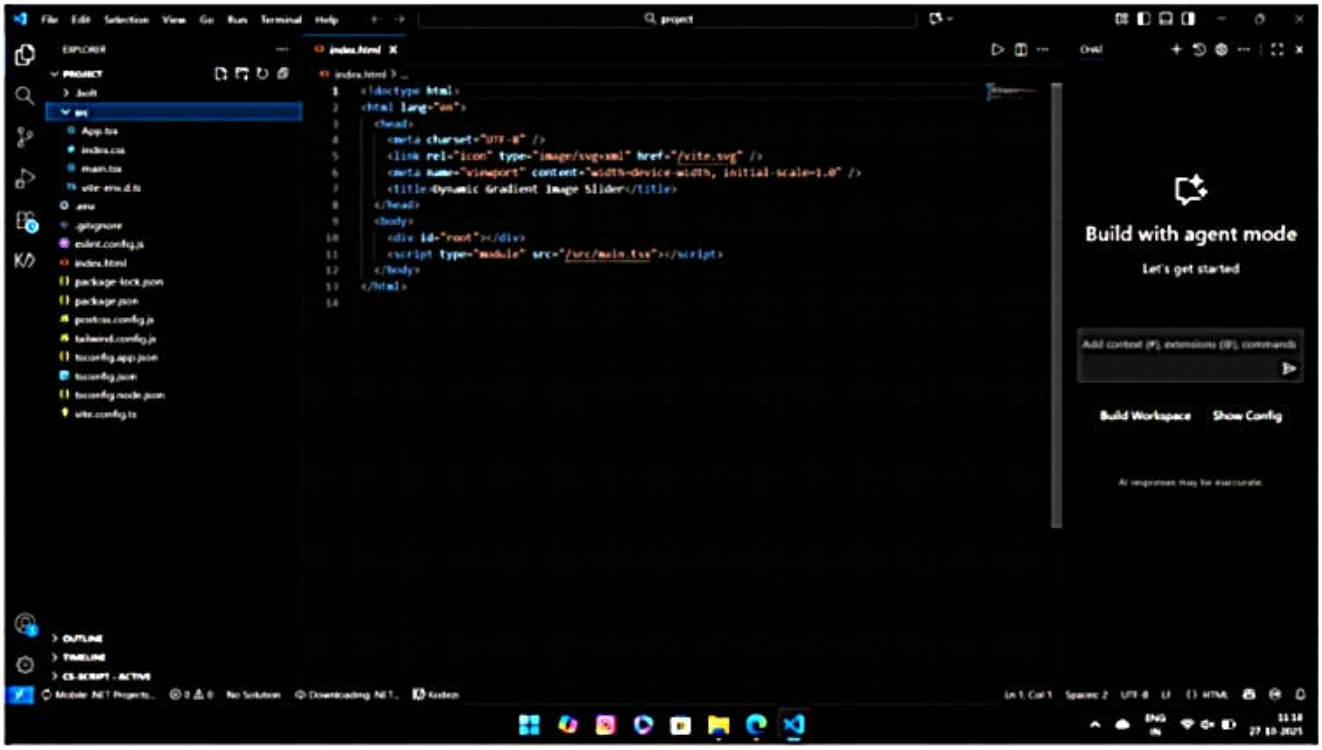
System Requirements:

- **Software:** VS Code, Node.js, Browser (Chrome/Edge)
- **Hardware:** Minimum 4GB RAM, 1GHz Processor

Modules:

1. **Frontend Module:** Handles display and transition of images.
2. **Backend Module:** Manages image upload, retrieval, and deletion (if applicable).
3. **Database Module:** Stores image URLs or base64 data.

Screen shots:



github.com/arjunacl

0 stars 0 forks 0 watching

1 Branch 0 Tags Activity

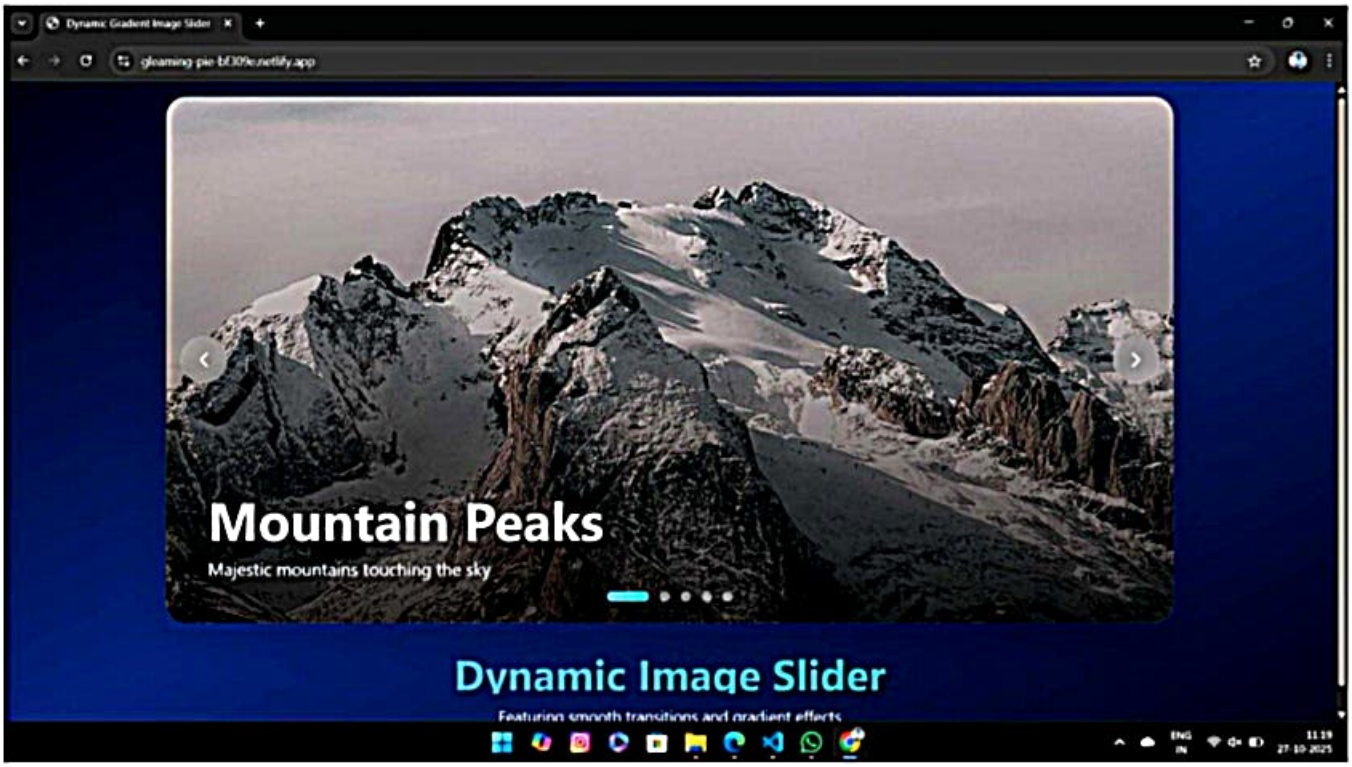
Public repository

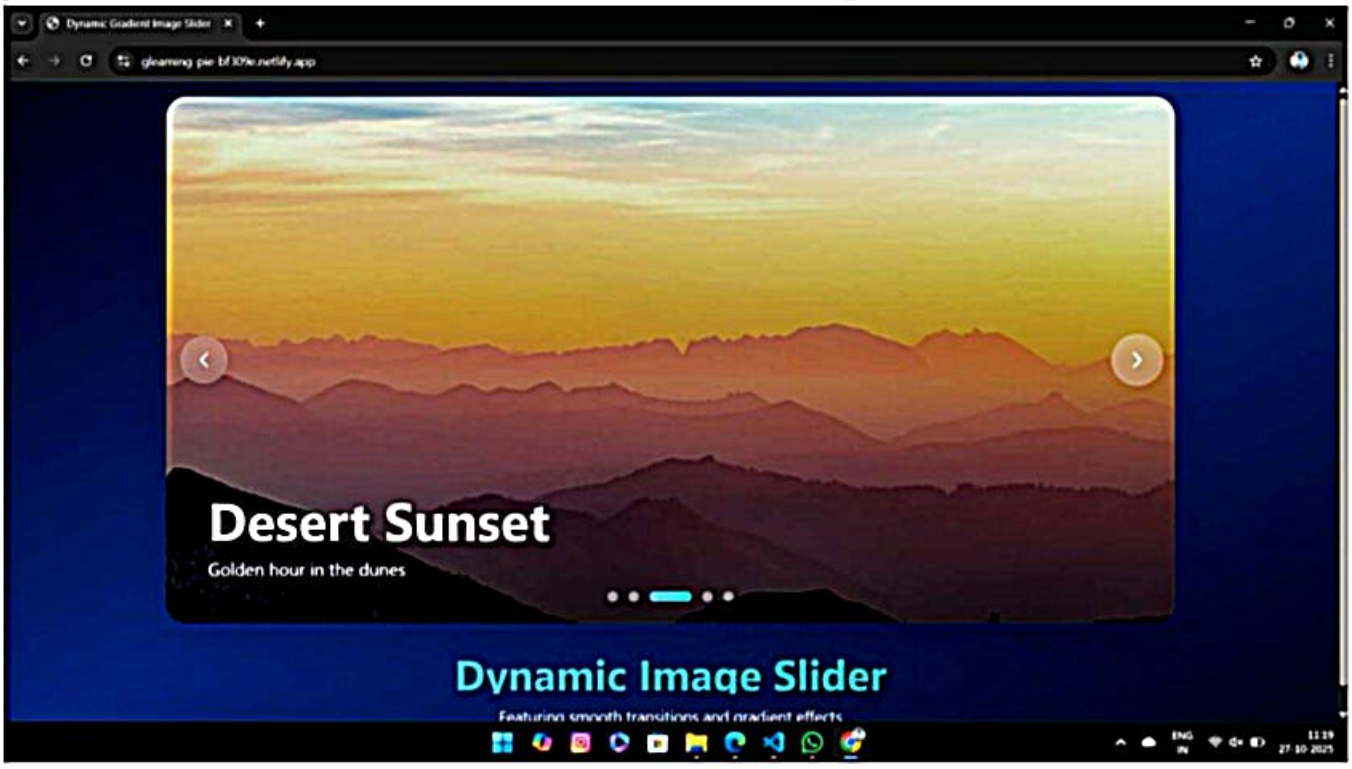
main Code

arjunachu-rgb 16 minutes ago

CODE	27 minutes ago
PHASE1	1 hour ago
PHASE4	39 minutes ago
PHASE5	26 minutes ago
SCREENSHOT	25 minutes ago
phase2	51 minutes ago
phase3	16 minutes ago
README.md	43 minutes ago

README





Github Link

https://github.com/arjunachu-rgb/Dynamic-image-slider