Title: GITHUB EXPLORER

Introduction

Github Explorer is a web application built using React that allows users to search, explore, and view details of GitHub repositories in real time. By integrating the GitHub API, the app fetches repository information such as stars, forks, and programming languages, and presents it in a clean and responsive interface. It also includes interactive charts for visualizing repository data. This project demonstrates practical skills in API integration, data visualization, and modern frontend development using React and Tailwind CSS..

Objectives

- To provide an easy and interactive way to search GitHub repositories.
- To display key repository details like stars, forks, and programming languages.
- To visualize repository data using charts for better insights.
- To practice API integration and frontend development with React.
- To create a clean, and user-friendly interface using Tailwind CSS.

Features

- Search repositories by name
- View stars, forks, and languages
- Visualize repository data with charts
- Responsive UI with Tailwind CSS

Tools and Technologies

- React.js
- JavaScript (ES6+)
- Tailwind CSS
- Chart.js & React-Chartjs-2
- GitHub API

Deployment URL

Live Demo :- https://kavya-kodam.github.io/Github-explorer