Open Source GitHub Project Explorer

Introduction

This project provides an interactive dashboard to explore trending GitHub repositories with powerful filters and analytics.

Abstract

Using GitHub REST API, the platform enables developers to search, filter, and analyze open-source repositories. It includes visual charts and bookmarking features.

Tools Used

Frontend	React.js, Tailwind CSS
Data Source	GitHub REST API
Charts	Chart.js
Backend (optional)	Node.js / Express.js
Storage	LocalStorage or MongoDB

Steps Involved in Building the Project

1	Fetched repository data using GitHub REST API.
2	Implemented filters for stars, language, and update date.
3	Created charts for visual analytics using Chart.js.
4	Added bookmarking and note-taking features.
5	Designed responsive UI with Tailwind CSS.

Conclusion

The Open Source GitHub Project Explorer empowers developers to discover and analyze trending repositories, supporting open-source contributions effectively.