Quote Generator Web App

**Project Overview:**

The goal of this project is to build a lightweight web-based Quote Generator app that fetches and displays random motivational or inspirational quotes. The app should interact with a public API to retrieve quotes, display them in a user-friendly format, and allow users to fetch a new quote by clicking a button. Optionally, the app may include a feature to share quotes via Twitter or copy them to the clipboard.  
  
The application is intended to help users find daily motivation and develop fluency in API integration, frontend UI development, and asynchronous JavaScript.

**Level:**

Beginner

**Type of Project:**

Frontend Development, API Integration, Motivation Tool

**Skills Required:**

* HTML, CSS, JavaScript
* API Fetching with fetch()
* DOM Manipulation
* Async/Await
* Optional: Twitter share integration

**Key Features**

**Milestone 1: Core App**

* Random Quote Fetcher:
* Use a free public quote API like https://api.quotable.io/random
* Display quote text and author
* Button to fetch a new quote
* User-Friendly Interface:
* Clean, centered UI
* Responsive layout for mobile & desktop

**Milestone 2: Optional Enhancements:**

* Social Sharing:
* Add a button to tweet the quote with one click
* Copy to Clipboard:
* Allow user to copy the quote for personal use or sharing

**Client Information:**

The client is an independent developer currently building a portfolio of JavaScript-based applications as part of the Vibe Coding initiative. The focus is on practical learning, clean UI design, and hands-on experience with real-world APIs and asynchronous code execution. This app is part of a broader roadmap to master full-stack development skills.