

# Currency Convertor Project

## Documents

**Project Name:** Currency Converter (React + Tailwind CSS)

### Description: -

This project is a responsive currency converter built using React and Tailwind CSS. It allows users to convert one currency to another using real-time exchange rates from the open.er-api.com API. The application includes searchable dropdowns, country flags, swap functionality, and optimized API usage using a custom hook.

### Technologies Used:-

- React.js
- Tailwind CSS
- JavaScript (ES6)
- open.er-api.com API

### Features

- Real-time currency conversion
- Searchable dropdowns
- Country flags with currencies
- Swap currencies
- Responsive UI
- Optimized single API call using custom hook

## Project Structure

●src/

 components/

CurrencyConverter.jsx

CurrencySelect.jsx

 hooks/

useCurrency.js

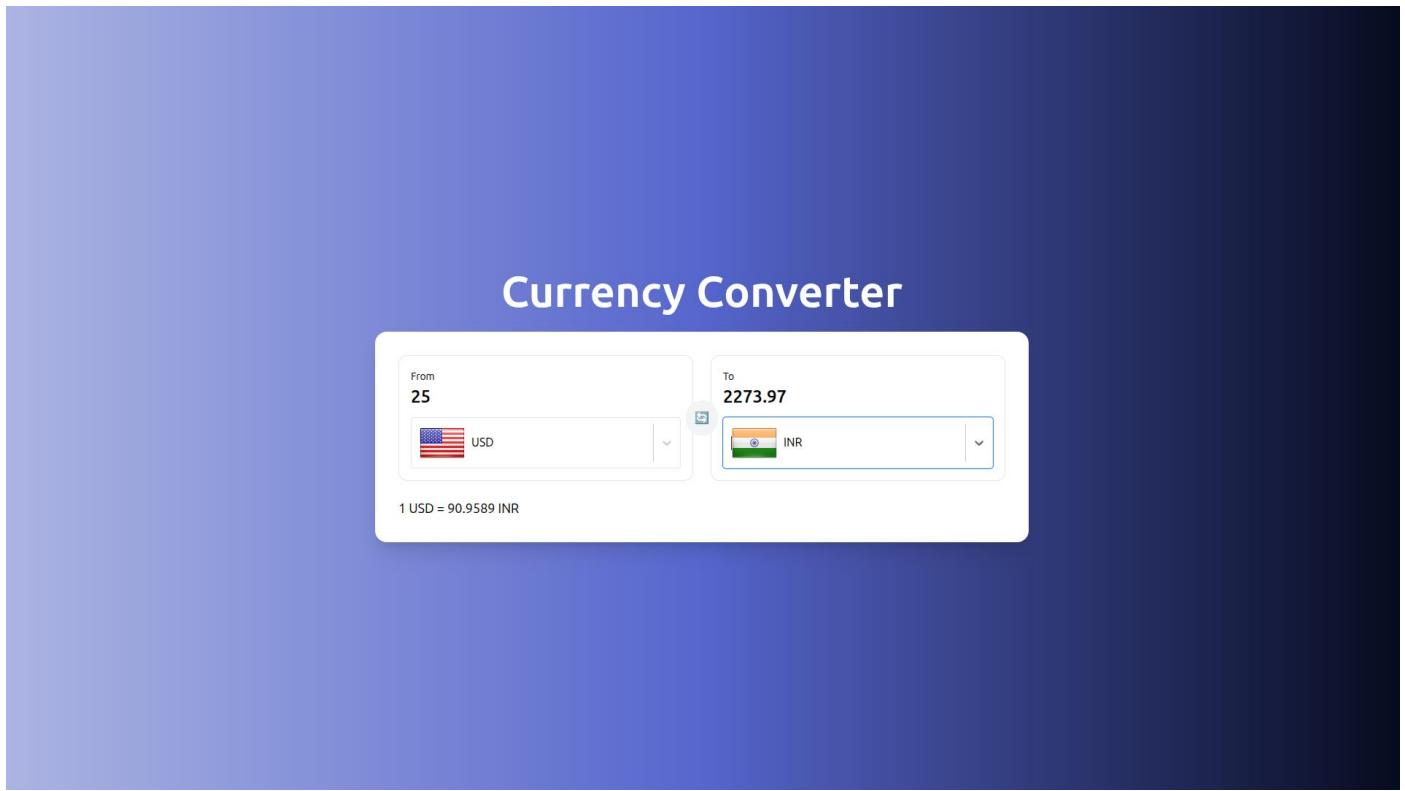
 constants/

currencyFlags.js

## How It Works

The application fetches exchange rates once from the API using a custom hook. All conversions are calculated locally to reduce network requests. Users enter an amount, select currencies, and instantly see the converted value.

## current Image



# Changes are required

- Remove the background Image
- Adding the Header
- Adding footer
- Adding logo

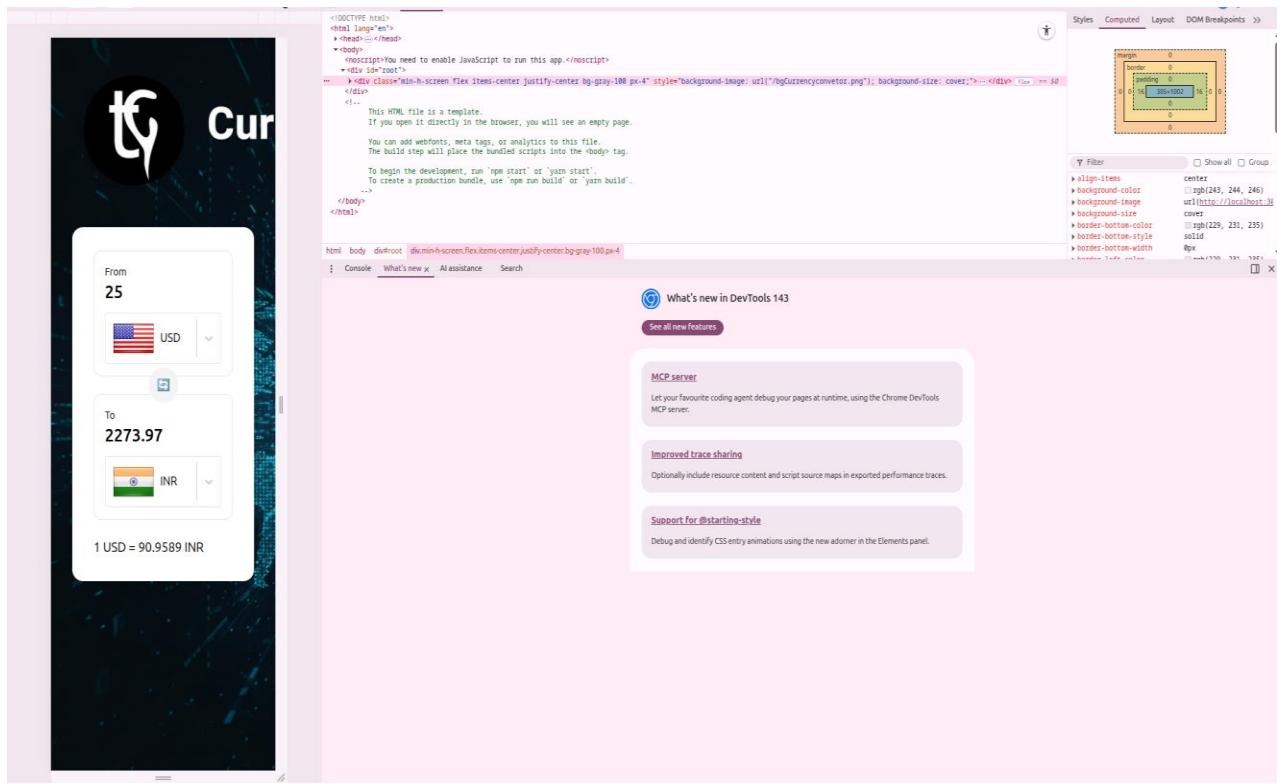
**Header: -**

**Logo**

**Background: -**

**Gradient color**

**Responsiveness**



## Deploy on Vercel

After completing the Project upload all code on GitHub account of organization  
And then deploy on vercel through the GitHub repo