

Project Ideas:

Weather Dashboard

- API: <u>OpenWeatherMap API</u> OR <u>Weather Api</u>
- **Description**: Build a responsive dashboard where users can search a city and get current weather, temperature, humidity, and a 5-day forecast.
- Ex) Bootstrap Features: Cards, alerts, responsive grid.

2. Crypto Tracker

- API: <u>CoinGecko</u> or <u>CoinMarketCap</u> API
- **Description**: Show live cryptocurrency prices, percentage changes, and charts. Add search/filter by coin.
- Ex) Bootstrap Features: Navbar, tables, badges for price changes.

3. Recipe Finder

- API: <u>Spoonacular</u> or <u>TheMealDB</u>
- **Description**: Users enter ingredients, and the app shows possible recipes with images and instructions.
- Ex) Bootstrap Features: Accordion for recipe steps, modals for details.

4. Movie Search App

- API: OMDB or TMDb
- Description: Search for movies by title and get info like rating, plot, and poster.
- Ex) Bootstrap Features: Cards for movie listings, modals for details.



5. News Aggregator

API: <u>NewsAPI</u>

- **Description**: Pull and display the latest news articles from different categories and sources.
- Ex) Bootstrap Features: Tabs for categories, list groups, card decks.

6. GitHub Profile Viewer (Bouns)

- API: GitHub API
- Description: Enter a GitHub username to view profile info, repositories, followers, etc.
- Ex) Bootstrap Features: Grid system for layout, progress bars for stats.

7. Currency Converter

- API: <u>ExchangeRate</u> API or <u>API Layer</u>
- Description: Input an amount and select two currencies to get the converted value in real-time.
- Ex) Bootstrap Features: Input groups, dropdowns, alerts for errors.

8. Space Explorer

- API: NASA API or Space API
- **Description**: Show astronomy pictures of the day, Mars rover photos, or near-earth objects data.
- Ex) Bootstrap Features: Carousel for images, cards, dark mode toggle.



9. Book Finder

- API: Google Books API
- **Description**: Search for books and get details like author, description, and cover image.
- EX) Bootstrap Features: Pagination, card layout, badges for book genres.

10. E-commerce Storefront

- API: Fake Store API or DummyJSON
- Description: Browse products, add to cart, view details, checkout mock
- Ex) Bootstrap Use: Product cards, modals, navbar, responsive grid