

[Github URL](#)

[Github URL for Vercel](#)

[Vercel URL](#)

## W14-P1: Use Context for Blogs\_xx

=> Chrome, show blogs\_xx in Content component

The screenshot shows a web browser window with multiple tabs open. The active tab is a local development server at `localhost:3000/demo/blog_11/localjson2_context_11`. The page displays a grid of blog cards. A red box highlights the header of the first card: "Blogs Context From Local Json 2 -- ChenYiHao, 213410011". Another red box highlights the "Context.Provider" component in the Chrome DevTools Components panel, which is rendering the "blogs\_11" array. The DevTools also shows the "props" section of the "Context.Provider" component, which includes the "children" prop and the "value" prop, which contains an array of blog objects.

Blogs Context From Local Json 2 -- ChenYiHao, 213410011

LIFESTYLE 📸

Seven Reasons Why Coffee Is Awesome

Lorem ipsum dolor sit amet consectetur adipisicing elit.

Read More Delete

TRAVEL 🛌

Travel To Paris

Lorem ipsum dolor sit amet consectetur adipisicing elit.

Read More Delete

LIFESTYLE 📸

Coffee Brings Friendship

Lorem ipsum dolor sit amet consectetur adipisicing elit.

Read More Delete

LIFESTYLE 📸

Coffee Make You Feel Good

Lorem ipsum dolor sit amet consectetur adipisicing elit.

Read More Delete

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Context.Provider

props

```
children: <Context_11 />
value: {alert: {}, blogs_11: Array(9), clearAllBlogs: () => {}}
  alert: {msg: "", show: false, type: ""}
  blogs_11: [{}]
    0: {category: "lifestyle", descrip: "Lorem ipsum dolor sit amet, consectetur adipisicing elit."}
    1: {category: "travel", descrip: "Lorem ipsum dolor sit amet, consectetur adipisicing elit."}
    2: {category: "lifestyle", descrip: "Lorem ipsum dolor sit amet, consectetur adipisicing elit."}
    3: {category: "lifestyle", descrip: "Lorem ipsum dolor sit amet, consectetur adipisicing elit."}
    4: {category: "travel", descrip: "Lorem ipsum dolor sit amet, consectetur adipisicing elit."}
    5: {category: "travel", descrip: "Lorem ipsum dolor sit amet, consectetur adipisicing elit."}
    6: {category: "travel", descrip: "Lorem ipsum dolor sit amet, consectetur adipisicing elit."}
    7: {category: "travel", descrip: "Lorem ipsum dolor sit amet, consectetur adipisicing elit."}
    8: {category: "travel", descrip: "Lorem ipsum dolor sit amet, consectetur adipisicing elit."}
```

下午 03:35 2025/12/21

## => relevant code

The screenshot shows a code editor with two files open:

- page.jsx**:

```
use client
import { useState } from 'react';
import Blog2_11 from '../../_components/Blog2_11';
import Wrapper from '../../_assets/wrapper/Blog2_11';
import Alert_11 from '../../_components/Alert_11';

import { BlogContextProvider_11, useBlogContext_11 } from './_blogContext_11'

const BlogLocalJsonPage2_11 = () => {
  return (
    <BlogContextProvider_11>
      <Context_11 />
    </BlogContextProvider_11>
  );
}

const Context_11 = () => {
  const [blogs_11, setBlogs_11] = useState(blogData_11);
  const [alert, setAlert] = useState({ ... });

  const showAlert = (show = false, msg = '', type = '') => {
    setAlert({ show, msg, type });
  };

  const removeItem = (id) => {
    setBlogs_11(blogs_11.filter(item => item.id !== id));
  };

  const clearAllBlogs = () => {
    setBlogs_11([]);
  };

  const loadAllBlogs = () => {
    // logic to load all blogs
  };

  return (
    <BlogContext.Provider value={{
      blogs_11,
      name,
      id,
      alert,
      showAlert,
      removeItem,
      clearAllBlogs,
      loadAllBlogs,
    }}>
      {children}
    </BlogContext.Provider>
  );
};

export default BlogLocalJsonPage2_11;
```
- \_blogContext\_11.jsx**:

```
export const BlogContextProvider_11 = ({ children }) => {
  const [name, setName] = useState('ChenYiHao');
  const [id, setId] = useState(213410011);
  const [blogs_11, setBlogs_11] = useState(blogData_11);
  const [alert, setAlert] = useState({ ... });

  const showAlert = (show = false, msg = '', type = '') => {
    setAlert({ show, msg, type });
  };

  const removeItem = (id) => {
    setBlogs_11(blogs_11.filter(item => item.id !== id));
  };

  const clearAllBlogs = () => {
    setBlogs_11([]);
  };

  const loadAllBlogs = () => {
    // logic to load all blogs
  };

  return (
    <BlogContext.Provider value={{
      blogs_11,
      name,
      id,
      alert,
      showAlert,
      removeItem,
      clearAllBlogs,
      loadAllBlogs,
    }}>
      {children}
    </BlogContext.Provider>
  );
};
```

The code demonstrates the use of the Context API to manage blog data and state across components. It includes functions for adding, removing, and clearing blogs, as well as displaying alerts.

c5f0061 Hao Yi Chen

Sun Dec 21 15:44:52 2025 +0800 W14-P1: Use Context for Blogs\_xx

# W14-P2: Refine W14-P1 by using BlogList2\_xx

=> Chrome, show BlogList2\_xx, Blog2\_xx component

Blogs Context From Local Json 2 -- ChenYiHao, 213410011

LIFESTYLE ☕ Seven Reasons Why Coffee Is Awesome

Travel To Paris

Coffee Brings Friendship

Coffee Make You Feel Good

Category: "lifestyle" | Description: "Lorem ipsum dolor sit amet consectetur adipisicing elit." | ID: 1 | Image: "/images/photo-1.jpg" | Title: "Seven Reasons Why Coffee Is Awesome" | New entry: ""

hooks

```
BlogContext_11:
  Context: {alert: (...), blogs_11: Array(9), clearAllBlogs: (...)}
  blogs_11: [{}]
  ...
  0: {category: "lifestyle", descrip: "Lorem ipsum dolor sit amet consectetur adipisicing elit.", id: 1, img: "/images/photo-1.jpg", title: "Seven Reasons Why Coffee Is Awesome", ...}
  ...
  8: {category: "travel", descrip: "Lorem ipsum dolor sit amet consectetur adipisicing elit.", id: 9, img: "/images/photo-9.jpg", title: "Travel To Paris", ...}
```

## => relevant code

```
File Edit Selection View Go Run Terminal Help ... w14 ... page.jsx U ... BlogList2_11.jsx U ... page.jsx U ... _blogContext_11.jsx U ... Blog2_11.jsx U ...
```

```
<root> > demo > blog_11 > localjson2_context_11 > _components > BlogList2_11.jsx > BlogList2_11
1 import Wrapper from '../../../../../_assets/wrapper/Blog2_11';
2 import Blog2_11 from './Blog2_11';
3
4 import { BlogContextProvider_11, useBlogContext_11 } from '../_blogContex...
5
6 const BlogList2_11 = () => {
7   const { blogs_11 } = useBlogContext_11();
8   return (
9     <Wrapper>
10       <div className='blogs-center'>
11         {blogs_11.map((item) => {
12           const { id, title, descrip, category, img } = item;
13           return (
14             <Blog2_11
15               key={id}
16               id={id}
17               title={title}
18               descrip={descrip}
19               category={category}
20               img={img}
21             />
22           );
23         })}
24       </div>
25     </Wrapper>
26   );
27 }
28
29 export default Bloglist2_11;
```

```
src > app > (root) > blog_11 > localjson2_context_11 > _components > Blog2_11.jsx > ...
3 import { FaGlobe, FaMugSaucer } from 'react-icons/fa6';
4 import Link from 'next/link';
5
6 import { BlogContextProvider_11, useBlogContext_11 } from '../_blogCont...
7
8 const Blog2_11 = ({ id, img, category, title, descrip }) => {
9   const { removeItem } = useBlogContext_11();
10
11   return (
12     <article className='blog'>
13       <img src={img} alt='coffee photo' className='img blog-img' />
14       <div className='blog-content'>
15         <span className='flex justify-between items-center'>
16           <Link href="#">read more</Link>
17           <button
18             type='button'
19             className='text-red-200 bg-red-100 capitalize px-2 py-1'
20             onClick={() => removeItem(id)}
21           > delete
22         </button>
23       </div>
24     </article>
25   );
26 }
27
28 export default Blog2_11;
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

kevin@Elvin MINIGW64 /c/2N/w14 (main)

```
$ npm run dev
✓ Compiled in 41ms
✓ Compiled in 56ms
✓ Compiled in 2.9s
GET /demo/blog_11/localjson2_context_11 200 in 1430ms (compile: 805ms, render: 626ms)
✓ Compiled in 87ms
GET /demo/blog_11/localjson2_context_11 200 in 652ms (compile: 139ms, render: 513ms)
✓ Compiled in 53ms
GET /demo/blog_11/localjson2_context_11 200 in 254ms (compile: 11ms, render: 243ms)
```

LN 21, Col 19 Spaces: 4 UTF-8 CRLF ( ) JavaScript JSX ⚡ Go Live

+ - powershell bash

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a015d2e Hao Yi Chen

Sun Dec 21 16:15:03 2025 +0800 W14-P2: Refine W14-P1 by using BlogList

# W14-P3: Implement /demo/grocery\_xx for Grocery\_xx

=> Chrome, add two data, and shown in components

The screenshot shows a development setup with three main windows:

- Code Editor:** An IDE window titled "w14\_context\_next\_11" showing the file "GroceryPage\_11.js". A red box highlights the code block where a new item is being added to state:

```
const [items, setItems] = useState([ ]);  
const additem = (itemName) => {  
  const newItem = {  
    name: itemName,  
    completed: false,  
    id: nanoid(),  
  };  
  setItems([...items, newItem]);  
  toast.success('Item added successfully!');  
};
```

- Browser:** A browser window titled "localhost:3000/demo/grocery\_11" showing a simple grocery list page titled "Grocery Bud". It lists "Apple" and "Eggs" with "Delete" buttons. A red box highlights the list area.
- DevTools:** The Chrome DevTools Network tab showing the "GroceryPage\_11" component's network requests. A red box highlights the "Items" section under the "props" tab, which displays the list of grocery items: Apple and Eggs.

## => relevant code

```
src > app > (root) > demo > grocery_11 > _components > Form_11.jsx > Form_11 > handleSubsrc > app > (root) > demo > grocery_11 > page.jsx > GroceryPage_11
1  'use client';
2
3  import { useState } from 'react';
4  import { toast } from 'react-toastify';
5
6  const Form_11 = ({addItem}) => {
7    const [newItemName, setNewItemName] = useState('');
8
9    const handleSubmit = (e) => {
10      e.preventDefault();
11      if (!newItemName) {
12        toast.error('please enter value');
13        return;
14      }
15      addItem(newItemName);
16      setNewItemName('');
17    }
18
19    return (
20      <form onSubmit={handleSubmit}>
21        <div>
22          <div className='form-control'>
23            <input type='text' value={newItemName} onChange={(e) => setNewItemName(e.target.value)} />
24            <button type='submit' className='btn'> add item </button>
25          </div>
26        </div>
27      </form>
28    );
29  };
30  export default Form_11;
31
32
33
34
35
36
```

```
src > app > (root) > demo > grocery_11 > page.jsx > GroceryPage_11
1  'use client';
2
3  import { useState, useEffect } from 'react';
4  import { nanoid } from 'nanoid';
5  import { ToastContainer, toast } from 'react-toastify';
6
7  import Form from './components/Form_11';
8  import Items from './components/Items_11';
9
10 import Wrapper from '../_assets/wrapper/Grocery_11';
11
12 const GroceryPage_11 = () => {
13   const [items, setItems] = useState([]);
14
15   const addItem = (itemName) => {
16     const newItem = {
17       name: itemName,
18       completed: false,
19       id: nanoid(),
20     };
21     setItems([...items, newItem]);
22     toast.success('Item added successfully!');
23   }
24
25   return [
26     <Wrapper>
27       <section className='section-center'>
28         <ToastContainer position='top-center' />
29         <Form additem={addItem} />
30         <Items items={items} />
31       </section>
32     </Wrapper>
33   ];
34 };
35
36 export default GroceryPage_11;
```

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Sun Dec 21 17:18:16 2025 +0800 W14-P3: Implement /demo/grocery\_xx for (