

The **TS2786** error you're seeing:

text

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```
'FiCheckCircle' cannot be used as a JSX component.  
Its return type 'ReactNode' is not a valid JSX element.
```

is a **common TypeScript + React 18+ issue** when using `react-icons` with **strict type checking**.

Root Cause

`react-icons` exports icons as `ReactNode`, but **TypeScript expects** `ReactElement` or `JSX.Element` for JSX. This mismatch triggers the error **even though it works at runtime**.

Solution: Add Proper Types

Fix: Update your `Notification.tsx` with correct icon imports and typing

tsx

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```
// components/Notification.tsx  
import React, { useState, useEffect, createContext, useContext, ReactNode } f  
import { FiCheckCircle, FiXCircle, FiAlertCircle, FiInfo, FiX } from 'react-i  
import './Notification.css';  
  
// Explicitly type the icons  
type IconType = React.ElementType; // or React.FC<{ className?: string }>  
  
const icons: Record<string, IconType> = {  
  success: FiCheckCircle,  
  error: FiXCircle,  
  warning: FiAlertCircle,  
  info: FiInfo,  
};
```

Then render the icon like this:

```
tsx
```

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```
{React.createElement(Icons[type], { className: 'icon' })}
```

OR (better) just use them directly with `as const` and proper typing.

Recommended Fix (Clean & Works)

Replace your `Icons` object with this:

```
tsx
```

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```
const iconMap = {
  success: FiCheckCircle,
  error: FiXCircle,
  warning: FiAlertCircle,
  info: FiInfo,
} as const;

// Then in JSX:
{React.createElement(iconMap[type], { className: 'icon' })}
```

Full Fixed NotificationToast (Only Change This Part)

tsx

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```
const NotificationToast: React.FC<{
  notification: NotificationItem;
  onRemove: (id: string) => void;
}> = ({ notification, onRemove }) => {
  const { type, title, message, id } = notification;

  const Icon = iconMap[type]; // This is now typed correctly

  const colors = {
    success: 'bg-success text-white',
    error: 'bg-danger text-white',
    warning: 'bg-warning text-dark',
    info: 'bg-info text-white',
  };

  return (
    <div className={`${notification-toast ${type} slide-in`}>
      <div className="d-flex align-items-start">
        <div className="me-3">
          <Icon className="icon" />
        </div>
        <div className="flex-grow-1">
          {title && <h6 className="mb-1 fw-bold">{title}</h6>}
          <p className="mb-0 small">{message}</p>
        </div>
        <button
          className="btn-close btn-close-white ms-3"
          onClick={() => onRemove(id)}
          aria-label="Close"
        />
      </div>
    </div>
  );
};
```

Add `iconMap` at the top (after imports)

```
tsx
```

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```
const iconMap = {  
  success: FiCheckCircle,  
  error: FiXCircle,  
  warning: FiAlertCircle,  
  info: FiInfo,  
} as const;
```

Alternative (Quick Fix): Turn off strict JSX checks (not recommended)

In tsconfig.json:

```
json
```

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```
{  
  "compilerOptions": {  
    "jsx": "react-jsx",  
    "strict": true,  
    "noImplicitAny": true,  
    // Add this:  
    "suppressImplicitAnyIndexErrors": true  
  }  
}
```

But this **hides real issues** — better to fix properly.

Best Long-Term Fix: Use `React.ComponentType`

```
tsx
```

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```
≡ Add to chat component = React.ComponentType<{ className?: string }>;  
  
const iconMap: Record<NotificationType, IconComponent> = {  
  success: FiCheckCircle,  
  error: FiXCircle,  
  warning: FiAlertCircle,  
  info: FiInfo,  
};
```

Then:

```
tsx
```

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Wrap

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```
const Icon = iconMap[type];  
<Icon className="icon" />
```

Final Working icons Section (Copy-Paste)

```
tsx
```

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Wrap

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```
import { FiCheckCircle, FiXCircle, FiAlertCircle, FiInfo } from 'react-icons/  
  
type NotificationType = 'success' | 'error' | 'warning' | 'info';  
  
type IconComponent = React.ComponentType<{ className?: string }>;  
  
const iconMap: Record<NotificationType, IconComponent> = {  
  success: FiCheckCircle,  
  error: FiXCircle,  
  warning: FiAlertCircle,  
  info: FiInfo,  
};
```

Then in NotificationToast :

```
tsx
```

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```
const Icon = iconMap[type];
```

```
tsx
```

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```
<div className="me-3">  
  <Icon className="icon" />  
</div>
```

Summary: What to Do

1. Replace your **icons object** with `iconMap + Record<NotificationType, IconComponent>`
2. Use `const Icon = iconMap[type]`
3. Render `<Icon className="icon" />`
4. Keep as const or explicit typing

After Fix: No More Errors

```
tsx
```

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```
<Icon className="icon" /> {/* Works perfectly */}
```

Let me send you the **complete corrected** `Notification.tsx` if you want — just say the word!

Or try this fix and reply with any new error.

You're 1 step away from a perfect notification system!



Add progress bar to notifications

↳ Create Loading Spinner component

↳ Provide complete fixed Notification.tsx