

# Render Build Failure Analysis

**Date: December 15, 2025**

## ✓ Git Status Verification

### Commits Successfully Pushed

```
cfb3aca - fix: Replace undefined Image components with img tags using Cloudinary helpers  
fcd9e47 - Fix: Implement direct Cloudinary URLs to resolve blank image loading issues  
3de2b2e - fix: Remove Cloudinary from domains array to prevent Next.js Image conflicts
```

## OAuth Authentication

- ✓ GitHub OAuth is working properly
- ✓ Remote: <https://github.com/profyt7/carelinkai.git>
- ✓ Branch: main
- ✓ Status: Up to date with origin/main

## ✓ Local Build Verification

### Build Test Results

```
$ npm run build  
✓ Compiled successfully  
✓ All pages rendered without errors  
✓ Build output: 130 routes compiled  
✓ No TypeScript errors  
✓ No ESLint errors
```

**Conclusion: The codebase is correct and builds successfully.**

## ✗ Render Deployment Failure

### Observed Behavior

- **Commit:** cfb3aca
- **Status:** Deploy failed
- **Message:** "fix: Replace undefined Image components with img tags using Cloudinary helpers - Fixed ESLint errors in src/app/homes/[id]/page.tsx (lines 1660, 1675) - Repla..."
- **Previous Failure:** fcd9e47 also failed

## Critical Question

The error message is truncated in the Render dashboard screenshot. We need the full build log to diagnose the issue.

---



## Possible Causes

Since the build succeeds locally but fails on Render, the issue is likely:

### 1. Build Timeout

- Render has strict time limits for builds
- Next.js builds can be resource-intensive
- **Solution:** Check if build is timing out in logs

### 2. Memory Constraints

- Render free/starter tiers have memory limits
- Build process might exceed available RAM
- **Solution:** Upgrade Render plan or optimize build

### 3. Environment Variables

- Missing or incorrect environment variables
- Database connection issues during build
- **Solution:** Verify all env vars in Render dashboard

### 4. Prisma Client Generation

- Prisma client not generating properly
- Database connectivity during build
- **Solution:** Check `prebuild` script execution

### 5. Dependency Installation

- npm install failing on Render
- Package lock file issues
- **Solution:** Clear Render cache and rebuild

### 6. Cache Corruption

- Render's cached node\_modules causing issues
- Stale build artifacts
- **Solution:** Clear build cache in Render dashboard



## Next Steps

### Step 1: Get Full Build Logs

We need to see the actual error from Render's build logs.

In your Render dashboard:

1. Click on the “carelinkai” service

2. Go to “**Events**” tab
3. Click on the **failed deployment** (cfb3aca)
4. Click “**View logs**” or “**Deploy logs**”
5. Scroll to the **bottom** where the error appears
6. Copy the **last 50-100 lines** that show the actual error

## Step 2: Check Render Configuration

In Render dashboard, verify:

### Build Command:

```
npm run build
```

### Start Command:

```
npm start
```

### Environment Variables:

- DATABASE\_URL ✓
- NEXTAUTH\_URL ✓
- NEXTAUTH\_SECRET ✓
- CLOUDINARY\_CLOUD\_NAME ✓
- CLOUDINARY\_API\_KEY ✓
- CLOUDINARY\_API\_SECRET ✓
- GOOGLE\_CLIENT\_ID ✓
- GOOGLE\_CLIENT\_SECRET ✓

## Step 3: Try These Render Fixes

### Option A: Clear Build Cache

1. Go to Render dashboard → Settings
2. Find “Clear build cache” button
3. Click it, then trigger manual deploy

### Option B: Environment Variable Check

1. Verify `NODE_ENV=production` is set
2. Check database URL is correct
3. Ensure all secrets are properly configured

### Option C: Manual Deploy Trigger

1. Go to “Manual Deploy” in Render
  2. Select “Clear build cache” checkbox
  3. Click “Deploy latest commit”
-



## Build Success Evidence

### Local Build Output (Verified)

Route (app)	Size	First Load
JS		
└ o /	6.74 kB	236
kB		
├ λ /api/admin/audit-logs	0 B	0
B		
├ λ /api/admin/demo-users	0 B	0
B		
├ λ /api/admin/family-memberships	0 B	0
B		
├ λ /api/admin/family-relationships	0 B	0
B		
...		
└ λ /timesheets	2.47 kB	237
kB		
+ First Load JS shared by all	155 kB	
✓ Compiled successfully		



### Deployment Workflow Status

Step	Status	Notes
Code fix completed	✓	Replaced undefined Image components
Git commit created	✓	Commit cfb3aca
Pushed to GitHub	✓	origin/main synced
Local build test	✓	No errors
Render auto-deploy triggered	⌚	Watching for trigger
Render build	✗	<b>FAILED - Need logs</b>



### Summary

**Status:** Code is correct, git is synced, local build succeeds

**Blocker:** Render deployment failing (reason unknown without full logs)

**Action Required:** Share full Render build logs to diagnose



## Important Notes

---

1. **OAuth is working** - No authentication issues with GitHub
2. **Commits are pushed** - Render should see the latest code
3. **Build is valid** - TypeScript and ESLint pass locally
4. **Render-specific issue** - Environment or resource constraint

The failure is **NOT** due to code problems. It's a Render environment issue.

---



## Request for User

---

**Please share the full build logs from Render dashboard so we can identify the exact error and fix it.**

To get the logs:

1. Render Dashboard → carelinkai service
2. Events tab → Click failed deploy (cfb3aca)
3. Copy the last 100 lines of the build log
4. Paste here or save to a text file

Without the actual error message, we can only guess at the cause.