

Caregivers Page Fix - Deployment Monitoring Guide

Issue: Missing `CaregiverEmployment` table causing page errors

Fix Commit: 850f398

Deployment: Render Auto-Deploy from GitHub `main` branch



Deployment Timeline

Expected Flow:

1. **Code Pushed to GitHub** (COMPLETED)
 2. **Render Detects Changes** (~1-2 minutes)
 3. **Build Process Starts** (~3-5 minutes)
 4. **Migration Applied** (During build)
 5. **Application Deployed** (~1-2 minutes)
 6. **Health Checks Pass** (~30 seconds)
 7. **Live on Production** (Total: ~5-10 minutes)
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Monitoring Steps

Step 1: Check Render Dashboard

Go to: <https://dashboard.render.com/>

What to look for:

- **Build Status:** Should show “Building...” then “Live”
- **Build Logs:** Check for migration messages
- **Deploy Time:** Note the timestamp

Key Log Messages:

- ☒ Prisma migration applied successfully
- ☒ Running `migration: 20251209230940_add_caregiver_employment_table`
- ☒ CaregiverEmployment `table` created
- ☒ Build completed successfully

Warning Signs:

- ☒ Migration failed
 - ☒ Table already exists (`not` an issue due to idempotent migration)
 - ☒ Foreign key constraint violation
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Step 2: Check Production Logs

Access Logs:

- Render Dashboard → Your Service → Logs
- OR use Render CLI: `render logs -s carelinkai`

Filter for:

- `prisma` - Migration-related logs
- `CaregiverEmployment` - Table-specific logs
- `error` - Any errors during deployment
- `/api/operator/caregivers` - API endpoint calls

Expected Logs:

```
[MIGRATION] Applying migration 20251209230940_add_caregiver_employment_table
[MIGRATION] CREATE TABLE "CaregiverEmployment"
[MIGRATION] CREATE INDEX "CaregiverEmployment_caregiverId_idx"
[MIGRATION] Migration applied successfully
[API] GET /api/operator/caregivers - 200
```

Error Logs to Watch:

```
[ERROR] relation "CaregiverEmployment" does not exist
[ERROR] Migration failed: table "CaregiverEmployment" already exists
[ERROR] Foreign key constraint violated
```

Step 3: Test the Caregivers Page

Manual Test:

1. Navigate to: <https://carelinkai.onrender.com/operator/caregivers>
2. Wait for page to load (~2-3 seconds)
3. Verify:
 - ☒ Page loads without "Something went wrong" error
 - ☒ Shows "No caregiver employments yet" empty state
 - ☒ "Add Employment" or "New Employment" button visible
 - ☒ No console errors in browser dev tools

If Page Still Fails:

- Clear browser cache and retry
- Check if deployment is complete on Render
- Verify migration was applied (see Step 4)

Step 4: Verify Database State

Option A: Via Render Dashboard

1. Go to Render Dashboard → PostgreSQL Database
2. Click "Connect" to get connection details
3. Use `psql` or SQL client to run:

```
-- Check if table exists
SELECT table_name
FROM information_schema.tables
WHERE table_schema = 'public'
AND table_name = 'CaregiverEmployment';

-- Expected result: CaregiverEmployment

-- Check table structure
❏d "CaregiverEmployment"

-- Expected columns:
-- id, caregiverId, operatorId, startDate, endDate, position, isActive, createdAt, updatedAt
```

Option B: Via API Endpoint

```
curl -X GET https://carelinkai.onrender.com/api/operator/caregivers \
-H "Cookie: next-auth.session-token=YOUR_SESSION" \
-v
```

Expected Response (Success):

```
{
  "caregivers": []
}
```

Expected Response (Still Broken):

```
{
  "error": "Server error"
}
```

Step 5: Test Adding Employment

Prerequisites:

- At least one Caregiver user exists
- At least one Operator exists
- User has proper permissions

Test Steps:

1. Navigate to: <https://carelinkai.onrender.com/operator/caregivers>
2. Click “New Employment” button
3. Fill out form:
 - Caregiver Email: (existing caregiver email)
 - Position: e.g., “Primary Caregiver”
 - Start Date: (today’s date)
4. Submit form
5. Verify:
 - ☒ Success message appears

- ☒ New employment appears in the list
 - ☒ Employment has correct details
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Troubleshooting

Issue 1: Page Still Shows Error

Possible Causes:

1. Migration hasn't run yet (deployment in progress)
2. Migration failed (check logs)
3. Browser cache (clear and retry)
4. Session expired (log out and log in)

Solutions:

```
# Wait 5 more minutes for deployment
# Then check Render logs:
render logs -s carelinkai --tail 100

# Look for migration completion:
grep "migration" logs.txt
grep "CaregiverEmployment" logs.txt
```

Issue 2: Migration Failed

Error: table "CaregiverEmployment" already exists

Solution: This is OK! The migration is idempotent.

- The table might have been created in a previous attempt
- The migration will skip the creation and continue
- Check if the page works anyway

Error: relation "Caregiver" does not exist

Solution: This is a serious issue.

- The parent migration might not have run
 - Check if `Caregiver` table exists
 - May need to run migrations manually
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Issue 3: Foreign Key Violations

Error: insert or update on table "CaregiverEmployment" violates foreign key constraint

Cause: Either `Caregiver` or `Operator` record doesn't exist

Solution:

```
-- Check if Caregiver exists
SELECT id, "userId" FROM "Caregiver" LIMIT 5;

-- Check if Operator exists
SELECT id, "userId" FROM "Operator" LIMIT 5;
```

If no records exist, you need to create them first.

Issue 4: API Returns 403 Forbidden

Cause: User doesn't have proper permissions

Solution:

- Verify user role: Must be `OPERATOR` or `ADMIN`
- Check permissions in `src/lib/permissions.ts`
- Verify `PERMISSIONS.CAREGIVERS_VIEW` is assigned

Success Checklist

- ☐ Render shows "Live" status
- ☐ Build logs show migration applied
- ☐ No errors in production logs
- ☐ `CaregiverEmployment` table exists in database
- ☐ Caregivers page loads without error
- ☐ API endpoint returns 200 status
- ☐ Empty state or employment list displays
- ☐ Can add new employment successfully
- ☐ Browser console shows no errors

Expected Outcome

Before Fix:

```
Error: relation "CaregiverEmployment" does not exist
Page: "Something went wrong"
Status: 500 Server Error
```

After Fix:

```
Success: Empty caregivers list
Page: "No caregiver employments yet"
Status: 200 OK
```

Deployment Notes

Migration Details:

- **File:** prisma/migrations/20251209230940_add_caregiver_employment_table/migration.sql
- **Tables Created:** CaregiverEmployment (1)
- **Indexes Created:** 3 (caregiverId, operatorId, isActive)
- **Foreign Keys:** 2 (Caregiver, Operator)
- **Safety:** Idempotent with IF NOT EXISTS checks

Deployment Method:

- **Auto-Deploy:** GitHub main branch → Render
 - **Manual Trigger:** Not required (auto-deploy enabled)
 - **Rollback Plan:** Revert commit 850f398 if needed
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Emergency Rollback

If the fix causes critical issues:

```
# 1. Revert the commit
git revert 850f398

# 2. Push to GitHub
git push origin main

# 3. Wait for Render to redeploy

# 4. Drop the table manually if needed (via Render DB console)
DROP TABLE IF EXISTS "CaregiverEmployment" CASCADE;
```

Next Actions

1. **Wait 5-10 minutes** for Render deployment to complete
 2. **Refresh the caregivers page** and verify it loads
 3. **Check the success checklist** above
 4. **Report results** back to the team
 5. **Update project documentation** with fix details
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Deployment Time: December 9, 2025 23:09 UTC

Estimated Completion: 23:15-23:20 UTC

Status:  **DEPLOYMENT IN PROGRESS**