Deployment Monitoring Guide - December 19, 2025

Current Status: 🚀 Deployed to GitHub, Waiting for Render Build

Commit: `45ee63f` - "fix: Handle missing OPENAI_API_KEY gracefully during build"

What Was Fixed

✅ 1. OpenAI Build Failure

- **Issue:** Build failing with "Missing credentials" error for OpenAI API
- **Fix:** Added dummy key pattern (like Stripe) to allow build without API key
- **File:** `src/lib/ai/inquiry-response-generator.ts`

⏳ 2. Failed Migration (Pending Resolution)

- **Issue:** Migration `20251218162945_update_homes_to_active` marked as failed on Render database
- **Fix:** Will resolve via Render shell after build succeeds
- **Script:** `scripts/resolve-homes-migration.sh`

Monitoring Render Build

Step 1: Watch Build Progress

1. Go to: https://dashboard.render.com
2. Navigate to your service (carelinkai)
3. Click "Events" or "Logs" tab

Step 2: Expected Build Output

✅ **What You SHOULD See:**

```
✓ Collecting page data
✓ Build completed
==> Your service is live 🎉
```

✅ **Expected Warnings (These are OK):**

```
WARNING: STRIPE_SECRET_KEY is missing in production build...
WARNING: SENDGRID_API_KEY is not defined...
WARNING: OPENAI_API_KEY is missing in production build...
```

❌ **What You Should NOT See:**

```
Error: Failed to collect page data for /api/inquiries/[id]/generate-response
error: exit status 1
```

Step-by-Step Post-Build Actions

When Build Completes Successfully:

Action 1: Resolve the Failed Migration

1. **Open Render Shell:**
   - Dashboard → Your Service → "Shell" tab

2. **Run Resolution Command:**
   bash
   ```
   npx prisma migrate resolve --rolled-back 20251218162945_update_homes_to_active
   ```

3. **Apply Migration:**
   bash
   ```
   npx prisma migrate deploy
   ```

4. **Verify:**
   bash
   ```
   npx prisma migrate status
   ```

Expected output:
```
No pending migrations to apply.
```

Action 2: Restart Service (if needed)

If the service doesn't automatically restart after migration:
- Dashboard → Your Service → "Manual Deploy" → "Clear build cache & deploy"

Verification Steps

1. Check Application Health

Test Homepage:

```
curl https://carelinkai.onrender.com
```

Should return 200 OK

Test API Health:

```
curl https://carelinkai.onrender.com/api/health
```

Should return JSON with health status

Test Pipeline Dashboard:

- Open in browser: https://carelinkai.onrender.com/operator/inquiries/pipeline
- Should load without errors (may redirect to login)

2. Check Build Logs

Look for:
- ✅ "Build completed"
- ✅ "Your service is live"
- ✅ No error messages
- ✅ Expected warnings only

3. Check Service Logs

- Dashboard → Logs tab
- Look for:
- ✅ "Ready in XXXms" (Next.js started)
- ✅ No runtime errors
- ✅ No connection errors

Troubleshooting

If Build Still Fails:

Check the error message:

1. **"Failed to collect page data"** → OpenAI fix didn't work
   - Verify commit `45ee63f` is deployed
   - Check if file changes were applied correctly

2. **"migrate found failed migrations"** → Expected at this stage
   - This will be resolved after build via Render shell
   - Build should still complete despite this warning

3. **"exit code: 1"** → Unknown build error
   - Check full build logs
   - Look for TypeScript errors
   - Check for syntax errors

If Migration Resolution Fails:

Alternative method via Database Console:

```sql
-- Connect to your Render PostgreSQL database
-- (Connection string from Render dashboard)

-- Check migration status
SELECT * FROM _prisma_migrations
WHERE migration_name = '20251218162945_update_homes_to_active';

-- If it shows as failed, update it:
UPDATE _prisma_migrations
SET rolled_back_at = NOW(),
    finished_at = NULL
WHERE migration_name = '20251218162945_update_homes_to_active';

-- Then re-run via Prisma
-- (In Render shell)
npx prisma migrate deploy
```

Timeline Estimates

- **Build Time:** 5-10 minutes
- **Migration Resolution:** 1-2 minutes
- **Service Restart:** 1-2 minutes
- **Total:** ~10-15 minutes

Next Steps After Successful Deployment

Phase 5: Comprehensive Testing

Once deployment is confirmed working:

1. ✅ Verify all pages load
2. ✅ Test Pipeline Dashboard UI
3. ✅ Test Kanban drag-and-drop
4. ✅ Test inquiry modals
5. ✅ Test filters and search
6. ✅ Check mobile responsiveness
7. ✅ Verify role-based access
8. ✅ Test API endpoints
9. ✅ Check analytics accuracy
10. ✅ Document any issues found

Testing Framework Ready:
- Location: `tests/phase-5/`
- Documents:
- `TEST_PLAN.md`
- `MANUAL_TESTING_CHECKLIST.md`
- `FINAL_TEST_REPORT.md`

Status Checkpoints

✅ Completed

- [x] OpenAI fix implemented
- [x] Code committed (45ee63f)
- [x] Pushed to GitHub
- [x] Render auto-deploy triggered

⌛ In Progress

- [ ] Render build completing
- [ ] Monitoring build logs

⏱️ Pending

- [ ] Migration resolution via Render shell
- [ ] Service verification
- [ ] Phase 5 testing

Contacts

GitHub Repository: https://github.com/profyt7/carelinkai
Render Dashboard: https://dashboard.render.com
Live Application: https://carelinkai.onrender.com

Last Updated: December 19, 2025 at $(date)
Status: Monitoring deployment...