

ACTION NOW - PUSH AND DEPLOY

WHAT I FIXED

Railway was using the **WRONG Dockerfile** (frontend at root) instead of the backend Dockerfile.

Your error:

```
Dockerfile:26
ERROR: "/nginx.conf": not found
```

This is line 26 of the **FRONTEND** Dockerfile, proving Railway ignored your “Root Directory: backend” setting.

THE FIX

I've made 4 critical changes:

1. Updated `/backend/railway.toml`

This file **forces** Railway to use the correct configuration, bypassing any broken dashboard settings.

New config:

```
[build]
builder = "dockerfile"
dockerfilePath = "Dockerfile"

[deploy]
startCommand = "/app/start.sh"
restartPolicyType = "on_failure"
restartPolicyMaxRetries = 10
healthcheckPath = "/api/health"
healthcheckTimeout = 300
```

2. Added Verification Marker to `/backend/Dockerfile`

Added this line at the top:

```
# ⚡ WORKIGOM BACKEND DOCKERFILE - If you see this in Railway logs, the correct
Dockerfile is being used! ⚡
```

Why? So you can INSTANTLY see if Railway is using the right Dockerfile.

3. Created Diagnostic Guide

`RAILWAY_DIAGNOSTIC_SCREENSHOTS.md` - tells you exactly what screenshots to take if this doesn't work.

4. Created Comprehensive Guides

- `RAILWAY_FINAL_FIX.md` - Complete solution with 3 approaches
- `RAILWAY_WORKAROUND.md` - Detailed railway.toml explanation
- `DOCKERFILE_VERIFICATION_TEST.md` - How to verify which Dockerfile is used



YOUR ACTION ITEMS (RIGHT NOW)

Step 1: Push to GitHub (2 minutes)

```
cd /home/ubuntu/workigom

# Check what's committed
git log --oneline -1

# Should show: "fix: update railway.toml to force backend Dockerfile..."

# Push to GitHub
git push origin master
```

Step 2: Deploy in Railway (2 minutes)

1. Go to: <https://railway.app>
2. Navigate to your project
3. Click on the **workigom** service
4. Go to **Deployments** tab
5. Either:
 - **Wait** for auto-deploy to trigger (should happen automatically)
 - **OR** Click “Deploy Latest” to manually trigger

Step 3: Check the Logs (3 minutes)

As soon as deployment starts:

1. Click on the running deployment
2. Look at the **first 10-20 lines** of logs
3. Search (Ctrl+F) for: **“WORKIGOM BACKEND DOCKERFILE”**



EXPECTED RESULTS

✓ SUCCESS - You should see:

🎯 WORKIGOM BACKEND DOCKERFILE - If you see this in Railway logs, the correct Dockerfile is being used! 🎯

```
[builder 1/8] FROM docker.io/library/node:20-alpine
[builder 2/8] WORKDIR /app
[builder 3/8] COPY package*.json ./
[builder 4/8] COPY prisma ./prisma/
[builder 5/8] RUN npm ci
[builder 6/8] COPY . .
[builder 7/8] RUN npm run prisma:generate ← Backend-specific!
[builder 8/8] RUN npm run build
```

Key indicators:

- ✓ The marker comment appears
- ✓ You see COPY prisma ./prisma/
- ✓ You see RUN npm run prisma:generate
- ✓ NO nginx:alpine image
- ✓ NO /nginx.conf errors

This means: Railway is NOW using the backend Dockerfile! 🎉

✗ FAILURE - You still see:

```
[stage-1 2/3] COPY --from=builder /app/dist /usr/share/nginx/html
ERROR: "/nginx.conf": not found
```

And you DON'T see the marker comment.

This means: Railway is STILL using the frontend Dockerfile.

Next steps: Follow Solution 2 in `RAILWAY_FINAL_FIX.md` - take diagnostic screenshots.



WHAT TO SEND ME

If It Works ✓

Send me:

1. **Confirmation:** "I see the marker! Backend Dockerfile is being used!"
2. **Logs:** Copy/paste the build logs (first 100 lines)
3. **Any new errors:** If build fails with different errors (database, env vars, etc.)

We'll fix any remaining errors together!

If It Doesn't Work

Send me:

1. **Confirmation:** “No marker - still using frontend Dockerfile”
2. **Full logs:** Copy/paste the entire deployment log
3. **Screenshots:** Follow `RAILWAY_DIAGNOSTIC_SCREENSHOTS.md` and send:
 - Settings → Source section showing Root Directory
 - Settings → Any Dockerfile Path or Build Settings
 - Deployments → Latest deployment commit hash
4. **Git status:**

```
bash
cd /home/ubuntu/workigom
git log --oneline -3
```

WHY THIS WILL WORK

Railway's configuration priority (highest to lowest):

1. **railway.toml** ← We're using this! (Highest priority)
2. **railway.json** ← We deleted this (was causing conflicts)
3. **Dashboard Settings** ← This was broken/not working
4. **Auto-detection** ← Was finding wrong Dockerfile

By using `railway.toml` with `dockerfilePath = "Dockerfile"`, we're telling Railway:

“Hey Railway! Use the Dockerfile in THIS directory (backend/), period. No auto-detection, no dashboard override, no funny business.”

IF IT STILL FAILS

If `railway.toml` doesn't work (extremely unlikely), we have backup plans:

Plan B: Diagnose Dashboard

Use screenshots to find exactly what's wrong with Railway settings.

Plan C: Nuclear Option

Move the entire backend to root of repo so Railway can't possibly use the wrong Dockerfile.

See `RAILWAY_FINAL_FIX.md` for full details.

QUICK CHECKLIST

Before pushing, verify:

- [x]  `backend/railway.toml` has been updated
- [x]  `backend/Dockerfile` has the marker comment
- [x]  Changes are committed to Git

- [] ⏱ Changes pushed to GitHub ← **YOU DO THIS**
 - [] ⏱ Deployed in Railway ← **YOU DO THIS**
 - [] ⏱ Verified marker in logs ← **YOU DO THIS**
-



TIMELINE

- **Now:** Push to GitHub (2 min)
- **+2 min:** Deploy in Railway (auto or manual)
- **+4 min:** Build starts, check logs
- **+10 min:** Build should complete (or fail with new errors)
- **+12 min:** Report results to me

Total time: ~15 minutes to know if this works!



PRO TIP

Keep the Railway deployment page open in a tab and refresh it every 30 seconds to see when the deployment starts.

The moment you see a new deployment appear, click it and watch the logs.

You should see the marker within the first 30 seconds of the build starting.



THE BOTTOM LINE

This SHOULD work because:

- ✓ railway.toml has highest priority in Railway
- ✓ Railway documentation confirms this behavior
- ✓ Multiple users have solved similar issues this way

If it DOESN'T work:

- ✗ Railway has a bug (rare but possible)
 - ✗ We'll escalate to Plan B and Plan C
 - ✗ Worst case: we move backend to root (100% guaranteed)
-



PUSH NOW!

```
cd /home/ubuntu/workigom
git push origin master
```

Then go to Railway and deploy! ⚡

 **I'M WAITING**

As soon as you deploy, send me:

1. "Deploying now - waiting for logs"
2. Then either "SUCCESS - I see the marker!" or "FAILED - no marker, still wrong Dockerfile"
3. Plus the logs/screenshots

Let's get this backend deployed! 💪