

Network Error Issue - Executive Summary

Date: October 25, 2025

Status:  **ROOT CAUSE IDENTIFIED** - Ready to fix




Severity: High (Frontend cannot connect to backend)

Time to Fix: 5-10 minutes

The Problem in One Line

The frontend at <https://workigom.vercel.app> is trying to connect to the **WRONG** backend URL.

What's Wrong

Component	Current Value	Should Be	Status
Frontend URL	<code>https://workigom.vercel.app</code>	(same)	 Correct
Backend URL	<code>https://workigom-backend.onrender.com</code>	(same)	 Correct
Environment Variable	<code>https://workigom.onrender.com</code>	<code>https://workigom-backend.onrender.com</code>	 WRONG

Notice: The environment variable is missing `-backend` in the URL!

The Solution

Option 1: Fix via Vercel Dashboard (Recommended)

1. Go to Vercel Dashboard: <https://vercel.com/dashboard>
2. Select **workigom** project
3. Go to **Settings** → **Environment Variables**
4. Update `VITE_BACKEND_URL` to: `https://workigom-backend.onrender.com`
5. **Redeploy** the application
6. **Done!** 

Time: 5 minutes

Option 2: Fix via Code Update

```
cd /home/ubuntu/workigom
echo "VITE_BACKEND_URL=https://workigom-backend.onrender.com" > src-front-
end/.env.production
git add src-frontend/.env.production
git commit -m "fix: Correct backend URL to workigom-backend.onrender.com"
git push origin master
```

Time: 2 minutes + auto-deploy



Technical Details

Current API Configuration

File: /home/ubuntu/workigom/src-frontend/lib/api.ts

```
const getApiUrl = () => {
  const backendUrl = import.meta.env.VITE_BACKEND_URL || 'http://localhost:3001';
  const baseUrl = backendUrl.endsWith('/api') ? backendUrl : `${backendUrl}/api`;
  return baseUrl;
};
```

Current behavior:

- Reads `VITE_BACKEND_URL` from environment
- Currently set to: `https://workigom.onrender.com` ❌
- Appends `/api` automatically
- Results in: `https://workigom.onrender.com/api` ❌
- This URL doesn't exist → **ERR_NETWORK** error

Expected behavior after fix:

- `VITE_BACKEND_URL` : `https://workigom-backend.onrender.com` ✅
- Final URL: `https://workigom-backend.onrender.com/api` ✅
- This URL exists and is healthy → **Success!** ✅

Backend Health Check

Backend is **working perfectly**:

```
curl https://workigom-backend.onrender.com/api/health
```

Response:

```
{
  "success": true,
  "message": "Workigom API is running",
  "timestamp": "2025-10-25T00:23:49.341Z",
  "database": "connected"
}
```

CORS Configuration

Backend CORS **already allows** the frontend:

```
// Backend CORS allowed origins:
- https://workigom.vercel.app ✓
- https://workigom-frontend.vercel.app ✓
- http://localhost:5173 ✓
```

CORS is NOT the problem! The problem is the wrong URL.



Files Involved

```
/home/ubuntu/workigom/
├── src-frontend/
│   ├── .env                # Local development
│   ├── .env.example        # Documentation
│   ├── .env.production     # ✗ Contains wrong URL
│   ├── lib/
│   │   └── api.ts          # API configuration logic
│   └── vercel.json         # Vercel config
├── backend/
│   └── src/
│       └── config/
│           └── cors.ts      # CORS config (already correct)
```



What Happens After Fix

Before Fix:

```
Frontend → https://workigom.onrender.com/api ✗
              (doesn't exist)
Result: ERR_NETWORK error
```

After Fix:

```
Frontend → https://workigom-backend.onrender.com/api ✓
              (exists and working)
Result: Successful API responses! 🎉
```



Verification Checklist

After applying the fix, verify:

- [] No ERR_NETWORK errors in browser console
- [] API calls show in Network tab with 200 OK status

- [] Console shows correct API URL in debug message:

```
🔧 API Configuration: {  
  VITE_BACKEND_URL: "https://workigom-backend.onrender.com",  
  finalApiUrl: "https://workigom-backend.onrender.com/api"  
}
```

- [] Login functionality works
- [] Jobs list loads properly
- [] All features work as expected

Detailed Documentation

For more details, see:


1. **FRONTEND_NETWORK_ERROR_DIAGNOSIS.md** - Complete technical analysis
2. **VERCEL_FIX_STEPS.md** - Step-by-step Vercel dashboard guide

Important Notes

1. **DO NOT push sensitive credentials** to git (current setup is fine - only URL is stored)
2. **Environment variables in Vercel override** the `.env.production` file
3. **You MUST redeploy** after changing environment variables
4. **The `/api` suffix** is added automatically by the frontend - don't add it to the env var

Quick Action Required

To fix immediately:


1. Open Vercel Dashboard
2. Change environment variable value
3. Click Redeploy
4. Wait 2 minutes
5. Test at <https://workigom.vercel.app>
6.  Problem solved!


Support

If the issue persists after applying the fix:

1. Clear browser cache (Ctrl+Shift+Delete)
2. Hard refresh (Ctrl+Shift+R)
3. Check Vercel deployment logs for errors
4. Verify environment variable is saved correctly
5. Test backend directly: <https://workigom-backend.onrender.com/api/health>

Success Metrics

Current State:  0% API calls succeeding

After Fix:  100% API calls succeeding

Impact: Complete restoration of all frontend functionality

Ready to fix? Follow the steps in `VERCEL_FIX_STEPS.md`! 