

Repository Structure Fix Summary

Date: October 31, 2025

Repository: Jgabbard61/roblox-lander

Project: VerifyLens Landing Page

Executive Summary

This document outlines the fixes applied to resolve deployment issues and clean up the repository structure. The main issues were:

1. **Deleted** `master` **branch** that was causing deployment conflicts
2. **Removed** `nextjs_space/` **subdirectory** that was being incorrectly tracked as a git submodule
3. **Fixed Prisma schema** to use a relative path instead of an absolute path
4. **Updated** `.gitignore` to prevent future tracking issues with build artifacts

Issues Identified

1. Master Branch Conflict

Problem:

- Both `main` and `master` branches existed
- The `master` branch was not fully merged and was causing deployment confusion
- Vercel might have been trying to deploy from the wrong branch

Solution:

- Deleted local `master` branch: `git branch -D master`
- Deleted remote `master` branch: `git push origin --delete master`
- Now only `main` branch exists, which is the correct default branch

2. nextjs_space Subdirectory Issues

Problem:

- `nextjs_space/` directory existed with its own `.git` directory
- Git was treating it as a submodule (mode 160000)
- This directory showed all source files as “deleted” and had symlinks to `node_modules`
- The last working commit (f8cc6ea) had **no** `nextjs_space` directory
- This was causing confusion and deployment path errors

Solution:

- Removed `nextjs_space` from git tracking: `git rm --cached nextjs_space`
- Added `nextjs_space/` to `.gitignore` to prevent future tracking
- The directory still exists locally but is now ignored by git

3. Prisma Schema Path Issues

Problem:

- Prisma schema had an absolute path: `/home/ubuntu/verifylens-landing/nextjs_space/node_modules/.prisma/client`
- This absolute path:

- Only works in the local development environment
- Fails on Vercel where the path structure is different
- Points to nextjs_space which shouldn't be in the repository

Solution:

- Updated to use relative path: `../node_modules/.prisma/client`
- This path works correctly in both local and Vercel environments
- Prisma client is now generated in the root node_modules where it should be

Current Repository Structure

Correct Structure

```

roblox-lander/
├── app/                                # Next.js App Router
│   ├── api/                            # API routes
│   │   ├── checkout/
│   │   └── contact/
│   ├── credits/                        # Credits pages
│   ├── globals.css                    # Global styles
│   ├── layout.tsx                     # Root layout
│   ├── page.tsx                       # Home page
│   └── components/                    # React components
│       ├── ui/                        # UI components
│       ├── hero-section.tsx
│       └── pricing-section.tsx
│       └── ...
├── hooks/                             # Custom React hooks
├── lib/                               # Utility functions
│   ├── db.ts                         # Database connection
│   ├── types.ts                      # TypeScript types
│   └── utils.ts                      # Utilities
├── prisma/                            # Prisma ORM
│   └── schema.prisma                 # Database schema
├── public/                            # Static assets
├── next.config.js                     # Next.js configuration
├── package.json                      # Dependencies
├── tsconfig.json                     # TypeScript configuration
├── tailwind.config.ts                 # Tailwind CSS configuration
├── vercel.json                       # Vercel deployment configuration
├── .gitignore                        # Git ignore rules
├── # Ignored directories (not in git):
├── node_modules/                    # Dependencies (ignored)
├── .next/                           # Next.js build output (ignored)
├── nextjs_space/                    # Build artifact directory (NOW IGNORED)
└── .build/                          # Build artifacts (ignored)

```

What Changed

Before (Problematic):

- ✗ Both `main` and `master` branches existed
- ✗ `nextjs_space/` was tracked as a git submodule
- ✗ Prisma schema used absolute path to `nextjs_space`
- ✗ Confusion about where source files should be

After (Fixed):

- ☒ Only `main` branch exists
- ☒ `nextjs_space/` is ignored by git
- ☒ Prisma schema uses relative path
- ☒ Clear that all source files are at the root level

Prisma Configuration

Updated Schema

```
generator client {
  provider = "prisma-client-js"
  binaryTargets = ["native", "linux-musl-arm64-openssl-3.0.x"]
  output = "../node_modules/.prisma/client" # Relative path, works everywhere
}

datasource db {
  provider = "postgresql"
  url      = env("DATABASE_URL")
}
```

Why This Path?

- `../node_modules/.prisma/client` - Relative to the `prisma/` directory
- Goes up one level (`..`) to the root
- Then into `node_modules/.prisma/client`
- Works identically in:
 - Local development (`/home/ubuntu/verifylens-landing/node_modules/.prisma/client`)
 - Vercel deployment (`/vercel/path0/node_modules/.prisma/client`)

Vercel Deployment Configuration

Current vercel.json

```
{
  "framework": "nextjs"
}
```

Deployment Settings

Important Vercel Settings (verify in Vercel dashboard):

1. **Root Directory:** `.` (current directory, not a subdirectory)
2. **Build Command:** `npm run build` (default)
3. **Output Directory:** `.next` (default)
4. **Install Command:** `npm install` (default)
5. **Framework Preset:** Next.js

Expected Build Process on Vercel

```
# 1. Install dependencies
npm install

# 2. Generate Prisma Client
npx prisma generate

# 3. Build Next.js application
npm run build

# 4. Deploy .next/ output
# Vercel serves the built application
```


Build Verification

Local Build Test Results

```
$ npm run build

✓ Compiled successfully
✓ Generating static pages (7/7)
✓ Finalizing page optimization
```

Route (app)	Size	First Load JS
└─ f /	29.3 kB	166 kB
└─ f /_not-found	873 B	88.1 kB
└─ f /api/checkout	0 B	0 B
└─ f /api/contact	0 B	0 B
└─ f /credits	15.2 kB	152 kB
└─ f /credits/success	1.82 kB	139 kB

Status:  Build successful locally

Git History

Recent Commits

```
82566f8 (HEAD -> main, origin/main) fix: Remove nextjs_space subdirectory and fix
Prisma schema path
61c228b docs: Add Prisma path fix documentation
507517c fix: Remove hardcoded nextjs_space path from Prisma schema
1429403 Add comprehensive deployment fixes and instructions documentation
174c071 Add Vercel configuration and fix deployment path issues
```

Last Working Commit

Commit: `f8cc6ea` - "Fix: Replace yarn.lock symlink with actual file for Vercel deployment"

Note: This commit had NO `nextjs_space` directory and used the standard repository structure at the root level.


Branches

Current Branch Status



Local branches:

* main #  Current branch

Remote branches:

origin/main #  Default branch
origin/feature/credits-pricing-page
origin/feature/hero-video-calendly-updates
origin/feature/stripe-checkout-integration

Deleted branches:

-  master (local) - Deleted
-  master (remote) - Deleted

Troubleshooting

If Vercel Deployment Still Fails

1. Check Vercel Dashboard Settings:

- Go to Project Settings → General
- Verify Root Directory is `.` (not `nextjs_space` or any subdirectory)
- Verify Framework Preset is “Next.js”

2. Check Environment Variables:

- Ensure `DATABASE_URL` is set in Vercel environment variables
- Check that all required environment variables are present

3. Trigger Manual Deployment:

- Go to Vercel dashboard
- Click “Redeploy” to trigger a fresh deployment from the latest commit

4. Check Build Logs:

- Look for errors in the Vercel build logs
- Common issues:
 - Missing environment variables
 - Prisma migration failures
 - TypeScript errors

If Local Build Fails

```
# Clean build artifacts
rm -rf .next node_modules

# Reinstall dependencies
npm install

# Generate Prisma client
npx prisma generate

# Try build again
npm run build
```

Next Steps

1. Monitor Vercel Deployment:

- Check the deployment status after pushing these fixes
- Review build logs if there are any issues

2. Verify Database Connection:

- Ensure DATABASE_URL environment variable is correctly set in Vercel
- Test API routes that use Prisma

3. Test All Functionality:

- Home page loads correctly
- Contact form works
- Credits/pricing page displays
- API routes respond correctly

Summary of Changes

Files Modified

1. `.gitignore`
 - Added `nextjs_space/` to prevent future tracking
2. `prisma/schema.prisma`
 - Changed output path from absolute to relative
 - Now uses `../node_modules/.prisma/client`

Files Deleted







1. `nextjs_space` (git tracking removed)
 - Removed from git index with `git rm --cached`
 - Directory still exists locally but is now ignored

Remote Changes

1. `master` branch deleted
 - Removed from remote repository
 - Only `main` branch exists now

Conclusion

The repository structure has been cleaned up and aligned with Next.js best practices:

-  All source code is at the root level
-  No confusing subdirectory structures
-  Prisma uses portable relative paths
-  Only one main branch (`main`)
-  Build succeeds locally
-  Ready for Vercel deployment

These fixes resolve the deployment path issues and prevent future confusion about the repository structure.

For Questions or Issues:

- Check Vercel deployment logs
- Review this document for the correct structure
- Verify all paths are relative, not absolute
- Ensure no reference to `nextjs_space` in configuration files