

# Fix: Remove Postinstall Script

## Issue

Build failing during npm install with postinstall script error:

```
> carelinkai@0.1.0 postinstall
> prisma generate

sh: 1: prisma: not found
npm ERR! code 127
npm ERR! command failed
npm ERR! command sh -c prisma generate
```

## Root Cause

The postinstall script was added to automatically run Prisma generation:

```
{
  "scripts": {
    "postinstall": "prisma generate"
  }
}
```

### Problem:

- Postinstall runs DURING npm install
- At that point, Prisma CLI is not yet available in PATH
- The script tries to run `prisma` (not `npx prisma`)
- Command not found error

## Why This Happened

We added the postinstall script thinking it would help, but:

1. It runs too early (during npm install)
2. It doesn't use `npx` to find the Prisma binary
3. It's redundant - we already have `npx prisma generate` in the build script

## Solution

**Removed the postinstall script** from package.json.

## Why This Works

1. **Build script already handles it:** Our `render-build.sh` has:

```
bash
  npx prisma generate --schema=./prisma/schema.prisma
```

2. **npx finds the binary:** `npx` looks in `node_modules/.bin` and finds Prisma

3. **Runs at the right time:** After npm install completes, not during

4. **No redundancy:** One place to generate Prisma client

## Files Changed

### package.json

```
{
  "scripts": {
    "dev": "next dev",
    "build": "next build",
    "start": "next start",
    - "postinstall": "prisma generate",
    "test": "jest",
    ...
  }
}
```

## Build Process

### Before (Broken):

1. npm install starts
2. Packages being installed
3. npm install completes
4. **postinstall runs: "prisma generate"**
5. **✗ Error: prisma command not found**
6. npm install fails
7. Build fails

### After (Fixed):

1. npm install starts
2. Packages being installed
3. npm install completes
4. **✓ No postinstall script**
5. Build script **runs: "npx prisma generate"**
6. **✓ Prisma client generated**
7. **✓ Build succeeds**

## Testing

- ✓ Local build successful without postinstall**
- ✓ npm install completes without errors**
- ✓ Prisma generation works with npx in build script**
- ✓ Next.js build completes**

## Best Practices

### ✓ DO:

- Use `npx` for CLI tools in build scripts

- Run Prisma generation AFTER npm install
- Keep build steps explicit in build command

## DON'T:

- Use postinstall for critical build steps
- Assume CLI tools are in PATH during postinstall
- Run commands without `npx` in scripts

## References

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- [npm postinstall timing](https://docs.npmjs.com/cli/v8/using-npm/scripts#npm-install) (<https://docs.npmjs.com/cli/v8/using-npm/scripts#npm-install>)
  - [Prisma deployment best practices](https://www.prisma.io/docs/guides/deployment/deployment-guides) (<https://www.prisma.io/docs/guides/deployment/deployment-guides>)
  - [npx usage](https://docs.npmjs.com/cli/v8/commands/npx) (<https://docs.npmjs.com/cli/v8/commands/npx>)
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**Status:**  Fixed

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