Kritova React App Push to GitHub - Full Process & Troubleshooting Guide

This document outlines the full steps taken to successfully push the Kritova React-based website to a new branch (react-app) in an existing GitHub repository, including troubleshooting fixes.

Project Overview
- Local project folder: kritova-website/
- Contains a full React app (src/, public/, package.json, etc.)
- GitHub Repo: https://github.com/Kritova/website.git
- Goal: Push entire contents of kritova-website to a new branch named react-app

Step-by-Step Process

1. Navigate to the project directory

    cd path/to/kritova-website

2. Ensure it's a Git repository

    git status

    If not initialized:

    git init

3. Check or set the remote origin

    git remote -v

    If incorrect:

    git remote set-url origin https://github.com/Kritova/website.git

    Or to add fresh:

    git remote add origin https://github.com/Kritova/website.git

4. Create and switch to new branch

    git checkout -b react-app

5. Add all project files

```
git add .
```

6. Commit the files

```
git commit -m "Initial Commit of React app in react-app branch"
```

7. Push the branch to GitHub

```
git push origin react-app
```

Troubleshooting & Fixes

Error: "Repository not found"

Cause: Remote URL was incorrect (my-website.git instead of website.git)

Fix:

```
git remote set-url origin https://github.com/Kritova/website.git
```

Nested Git folder warning (submodule hint)

Cause: Accidentally copied a Git repo folder (e.g., website/) inside another repo

Fix:

```
git rm --cached -r -f website
```

Add it to .gitignore:

```
website/
```

Error: nothing to commit, but changes not pushed

Fix: Make sure you're on the right branch and remote is correctly set:

```
git branch          # should show * react-app
```

Then push:

```
git push origin react-app
```

Error: ERR_OSSL_EVP_UNSUPPORTED

Cause: Node v17+ issue with Webpack

Fix: Use legacy OpenSSL flag:

```
export NODE_OPTIONS=--openssl-legacy-provider    # macOS/Linux

$env:NODE_OPTIONS="--openssl-legacy-provider"    # Windows PowerShell
```

Or downgrade to Node v16

Result

- react-app branch now live at:

  https://github.com/Kritova/website/tree/react-app

- Contains full React app at root level

- Safe from interfering with main or gh-pages

Next Steps (Optional)

- Set react-app as default branch

- Deploy with GitHub Pages, Netlify, or Vercel

- Merge into main after review