

# GitHub Repository Setup Guide



## Your Project is Ready for GitHub!

Your "Gotta Crunch Them All" calculator platform has been successfully prepared as a Git repository. Here's how to push it to GitHub:



## Repository Location

- **Local Path:** `/workspace/numera-calculator/`
- **Branch:** `main` (modern default)
- **Files Committed:** 51 files including all source code, configs, and Supabase functions



## Step-by-Step GitHub Upload

### Option 1: Create New Repository on GitHub (Recommended)

1. **Go to GitHub.com and sign in**
  - Navigate to [github.com](https://github.com)
  - Click the "+" icon in the top right
  - Select "New repository"

## 2. Create Repository Settings

- **Repository name:** `gotta-crunch-them-all` (or your preferred name)
- **Description:** "Crush every calculation - 120+ calculators from calculus to cooking"
- **Visibility:** Choose Public or Private
- **Important:** Do NOT initialize with README, .gitignore, or license (we already have these)

## 3. Copy the Repository URL

- After creating, GitHub will show you a page with commands
- Copy the HTTPS URL (looks like: `https://github.com/yourusername/gotta-crunch-them-all.git`)

## Option 2: Use GitHub CLI (If you have it installed)

```
# Navigate to your project
cd /workspace/numera-calculator

# Create repository directly
gh repo create gotta-crunch-them-all --public --source=. --push
```



## Command Line Upload (Option 1 continuation)

Open terminal and run these commands:

```
# Navigate to your project
cd /workspace/numera-calculator

# Add your GitHub repository as remote
git remote add origin https://github.com/YOURUSERNAME/
YOURREPONAME.git

# Push your code to GitHub
git push -u origin main
```

### Replace:

- `YOURUSERNAME` with your GitHub username
- `YOURREPONAME` with your chosen repository name



## What's Already Set Up

- ✓ **Git Repository:** Initialized and ready
- ✓ **Initial Commit:** All project files committed
- ✓ **Branch:** Set to 'main' (modern standard)
- ✓ **Gitignore:** Configured for React/Node projects
- ✓ **README:** Updated with project information
- ✓ **Supabase Functions:** Included in the repository

## Repository Structure

```
gotta-crunch-them-all/
├── .gitignore           # Git ignore rules
├── README.md           # Project documentation
├── package.json        # Dependencies and scripts
├── vite.config.ts      # Vite configuration
├── tailwind.config.js  # Tailwind CSS config
├── src/                # Source code
│   ├── components/    # React components
│   ├── data/          # Calculator definitions
│   ├── contexts/      # React contexts
│   ├── hooks/         # Custom hooks
│   ├── lib/           # Utilities
│   └── types/         # TypeScript types
├── supabase/          # Backend functions
│   └── functions/     # Edge functions
```

## Next Steps After Upload

1. **Update README:** Edit the live demo URL in README.md
2. **Environment Variables:** Create `.env.example` for contributors
3. **GitHub Pages:** Set up automatic deployment (optional)
4. **Issues & Projects:** Set up project management tools
5. **Collaborators:** Invite team members if needed

## Important Notes

- The `node_modules` and `dist` folders are excluded via `.gitignore`
- Supabase functions are included for the AI chat feature

- All API keys and sensitive data are excluded
- Repository is ready for collaborative development

## **Need Help?**

If you encounter any issues:

1. Check that your GitHub repository URL is correct
2. Ensure you have push permissions to the repository
3. Verify your Git credentials are set up
4. Try using GitHub Desktop as an alternative

Your calculator platform is now ready to be shared with the world! 