

How to Get a GitHub Personal Access Token

Quick Steps (2 Minutes)

Step 1: Go to GitHub Token Settings

Direct Link: <https://github.com/settings/tokens>

OR manually navigate:

1. Log in to GitHub.com
 2. Click your **profile picture** (top-right)
 3. Click **Settings**
 4. Scroll down the left sidebar
 5. Click **Developer settings** (near the bottom)
 6. Click **Personal access tokens**
 7. Click **Tokens (classic)**
-

Step 2: Generate New Token

1. Click the **“Generate new token”** button (top-right)
 2. Select **“Generate new token (classic)”**
 - (Don't use fine-grained tokens for this)
-

Step 3: Configure Token

You'll see a form with these fields:

Note (Required)

- Enter: `Chef Doggo Push Access`
- This is just a label so you remember what it's for

Expiration (Required)

- Choose: **90 days** (or longer if you prefer)
- You can always create a new token when it expires

Select scopes (MOST IMPORTANT)

You MUST check this box:

- ☒ **repo** - Full control of private repositories
- This automatically checks all sub-boxes:
- ☒ `repo:status`
- ☒ `repo_deployment`
- ☒ `public_repo`
- ☒ `repo:invite`
- ☒ `security_events`

Leave these UNCHECKED (you don't need them):

- ☐ `workflow`

- ☐ write:packages
- ☐ delete:packages
- ☐ admin:org
- ☐ admin:public_key
- ☐ admin:repo_hook
- ☐ gist
- ☐ notifications
- ☐ user
- ☐ delete_repo
- ☐ write:discussion
- ☐ admin:enterprise
- ☐ audit_log
- ☐ project

Step 4: Generate Token

1. Scroll to the bottom
2. Click the green **“Generate token”** button

Step 5: COPY THE TOKEN IMMEDIATELY

CRITICAL: You’ll see a page with a long token starting with `ghp_`

Example: `ghp_XX`

IMPORTANT:

- ⚠️ **This is your ONLY chance to see this token!**
- ⚠️ **Copy it NOW** (click the copy icon or select + Ctrl/Cmd+C)
- ⚠️ **GitHub will NEVER show it again**
- ✅ Save it somewhere safe (password manager, notes app, etc.)

Step 6: Use the Token to Push

Now go back to DeepAgent and run these commands:

```
cd /home/ubuntu/chef_doggo

# Remove old remote (if exists)
git remote remove origin 2>/dev/null || true

# Add remote with YOUR TOKEN
# Replace ghp_YOUR_TOKEN_HERE with the token you just copied
git remote add origin https://ghp_YOUR_TOKEN_HERE@github.com/Bharv1122/chef-doggo.git

# Push all your code!
git push -u origin master
```

Example (with fake token):

```
git remote add origin https://ghp_abc123xyz789def456ghi789jkl012mno345@github.com/
Bharv1122/chef-doggo.git
git push -u origin master
```

You should see:

```
Enumerating objects: 150, done.
Counting objects: 100% (150/150), done.
Delta compression using up to 8 threads
Compressing objects: 100% (120/120), done.
Writing objects: 100% (150/150), 250.00 KiB | 5.00 MiB/s, done.
Total 150 (delta 80), reused 0 (delta 0)
To https://github.com/Bharv1122/chef-doggo.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

✓ **Success!** Visit <https://github.com/Bharv1122/chef-doggo>


Visual Guide

Here's what each page looks like:

Page 1: Settings Menu

GitHub  [Profile Picture]  Settings

Left Sidebar:

- Profile
- Account
- Appearance
- ...
- Developer settings  Click here

Page 2: Developer Settings

Developer settings

Left menu:

- GitHub Apps
- OAuth Apps
- Personal access tokens ← Click here
 - Fine-grained tokens
 - Tokens (classic) ← Click here

Page 3: Personal Access Tokens

[Generate new token ▼] ← Click here

- Generate new token (classic) ← Select this
- Generate new token (beta)

Page 4: New Token Form

Note: [Chef Doggo Push Access]

Expiration: [90 days ▼]

Select scopes:

☒ repo ☐ CHECK THIS BOX

☒ repo:status

☒ repo_deployment

☒ public_repo

☒ repo:invite

☒ security_events

☐ workflow


☐ write:packages

...

[Generate token]


Page 5: Token Generated

☒ Token successfully created

ghp_XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX [ Copy]

↑

YOUR TOKEN - COPY IT NOW!

 Make sure to copy your personal access token now.
You won't be able to see it again!

Troubleshooting

“I forgot to copy the token”

Solution: Delete the old token and create a new one

1. Go to <https://github.com/settings/tokens>
2. Find “Chef Doggo Push Access”
3. Click **Delete**
4. Create a new token (follow steps above)

“I see ‘Authentication failed’”

Possible causes:

1. Token wasn't copied correctly (extra spaces?)
2. Token expired
3. `repo` scope wasn't checked

Solution: Create a new token and try again

“I don't see ‘Developer settings’”

Solution: You might need to scroll down in the Settings sidebar

- It's near the bottom, below “Applications”
- Try using the direct link: <https://github.com/settings/tokens>

“Remote already exists” error

```
# Just remove it first:
git remote remove origin

# Then add the new one:
git remote add origin https://YOUR_TOKEN@github.com/Bharv1122/chef-doggo.git
```

Security Tips

✓ DO:

- Store token in password manager
- Use descriptive token names
- Set expiration dates
- Delete unused tokens
- Create separate tokens for different projects

✗ DON'T:

- Share tokens publicly
- Commit tokens to git repositories
- Use tokens in public URLs
- Give tokens more permissions than needed
- Reuse tokens across many projects

Token Management

View Your Tokens

<https://github.com/settings/tokens>

You'll see:

- Token name
- Last used date
- Created date
- Expiration date

Revoke a Token

1. Go to <https://github.com/settings/tokens>
2. Find the token
3. Click **Delete**
4. Confirm deletion

Regenerate Expired Token

1. Delete the old token
 2. Create a new token (follow steps above)
 3. Update your git remote with the new token
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Alternative: SSH Keys (Advanced)

If you prefer SSH instead of tokens:

1. Generate SSH key: <https://docs.github.com/en/authentication/connecting-to-github-with-ssh>
2. Add to GitHub: <https://github.com/settings/keys>
3. Use SSH URL: `git@github.com:Bharv1122/chef-doggo.git`

But for quick one-time pushes, Personal Access Token is easier!

Summary

1. ☒ Go to: <https://github.com/settings/tokens>
2. ☒ Click: "Generate new token (classic)"
3. ☒ Name: "Chef Doggo Push Access"
4. ☒ Check: ☒ repo scope
5. ☒ Click: "Generate token"
6. ☒ **COPY THE TOKEN** (starts with `ghp_`)
7. ☒ Use in command:

```
bash
```

```
git remote add origin https://YOUR_TOKEN@github.com/Bharv1122/chef-doggo.git
```

```
git push -u origin master
```

That's it! Your Chef Doggo code will be on GitHub! 🎉