

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: `ghpxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx`

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.)
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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_xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx [ 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

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! 