

AI-Driven Development - 30-Day Challenge

Task-6

◆ Step 1 - Create Your GitHub Personal Access Token (PAT)

Tokens you have generated that can be used to access the [GitHub API](#).



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



Delete

Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

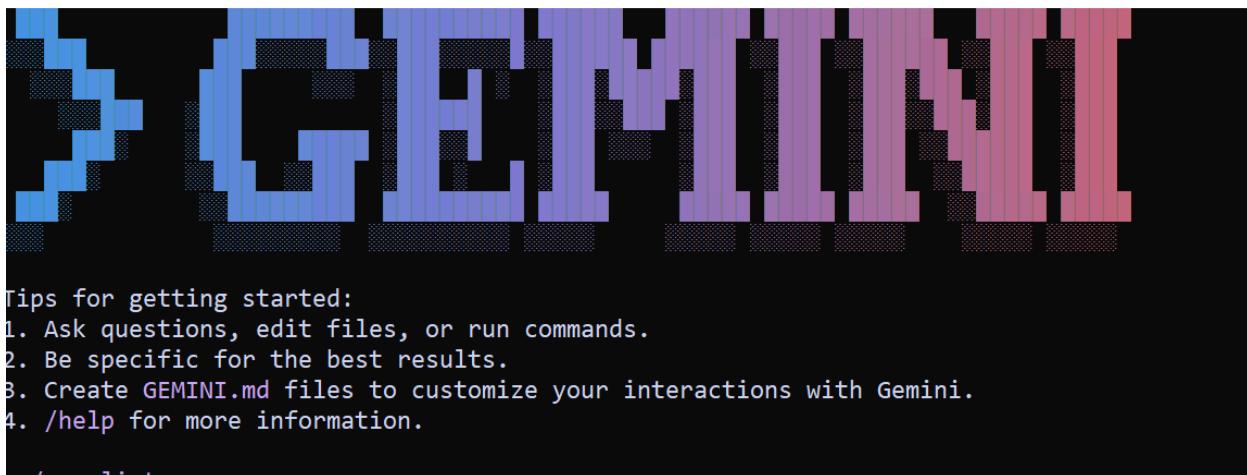
◆ Step 2 - Store Your Token Securely

```
⚙ .env ✎
⚙ .env
1 GITHUB_PERSONAL_ACCESS_TOKEN=..._r_...
```

◆ Step 3 - Configure Gemini to Use GitHub MCP Server

```
{ } settings.json X
{ } settings.json > ...
1  {
2   "security": {
3     "auth": {
4       | "selectedType": "oauth-personal"
5     }
6   },
7   "general": {
8     | "previewFeatures": true
9   },
10  "mcpServers": {
11    "github": {
12      | "httpUrl": "https://api.githubcopilot.com/mcp/",
13      "headers": {
14        | "Authorization": "Bearer $GITHUB_MCP_PAT"
15      }
16    }
17  }
18}
19
```

◆ Step 4 - Restart Gemini CLI



◆ Step 5 - Verify Connection

```
Select Gemini - github-mcp
4. /help for more information.

> /mcp list

Configured MCP servers:

☒ github - Ready (40 tools, 2 prompts)
Tools:
- add_comment_to_pending_review
- add_issue_comment

Using: 1 MCP server
> s█

~\github-mcp                               no sandbox (see /docs)      aut
```

- get_commit
- get_file_contents
- get_label
- get_latest_release
- get_me
- get_release_by_tag
- get_tag
- get_team_members
- get_teams
- issue_read

◆ Step 6 - Test the Server

Ask:

“List my GitHub repositories”

```
☒ Here are some of your GitHub repositories:

* desktop-tutorial: GitHub Desktop tutorial repository (private)
* Next-js-Assignment-1st
* Hero-Section-Ressponsive
* 45-Assignment_Gov-IT
* hacktoon-ecommerce-web
* array---props
* satatic-resume-builder
```