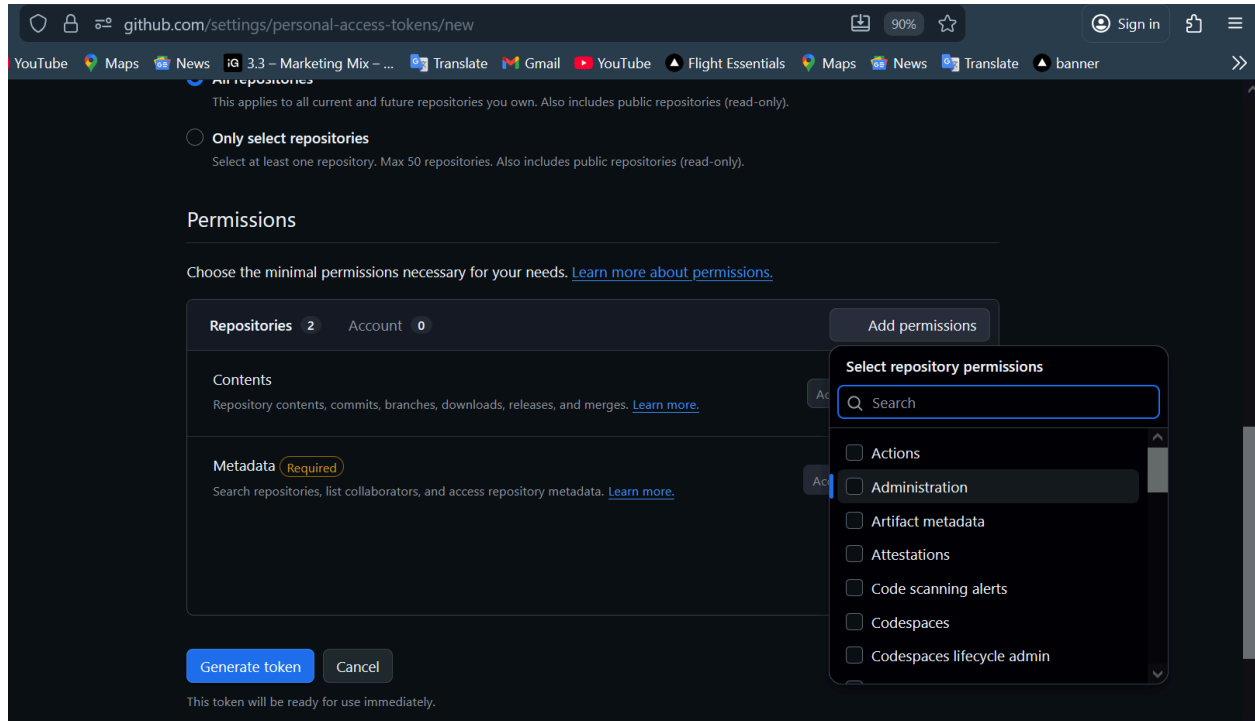# AI-Driven Development - 30-Day Challenge-Task6

Task 6 - GitHub × MCP Integration (Hosted Method)
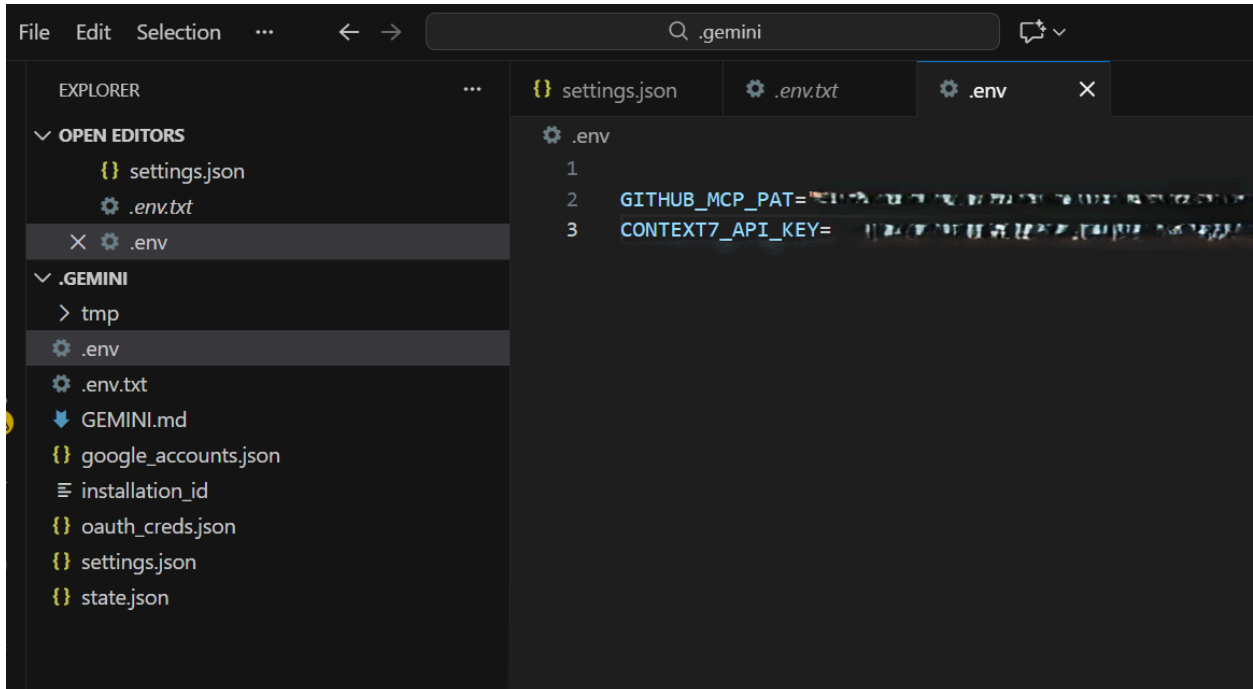Name: ZoyaAfzal
Slot:(Friday 6–9 PM)

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



◆ **Step 2 - Store Your Token Securely**

```
EXPLORER                          ···      {} settings.json    ⚙ .env.txt    ⚙ .env    ✕
∨ OPEN EDITORS                             ⚙ .env
     {} settings.json                      1
     ⚙ .env.txt                            2    GITHUB_MCP_PAT=
  ✕ ⚙ .env                                 3    CONTEXT7_API_KEY=
∨ .GEMINI
  > tmp
  ⚙ .env
  ⚙ .env.txt
  ⬇ GEMINI.md
  {} google_accounts.json
  ≡ installation_id
  {} oauth_creds.json
  {} settings.json
  {} state.json
```

◆ **Step 3 - Configure Gemini to Use GitHub MCP Server**

```
⚙ .env.txt          {} settings.json  ✕

C: > Users > Mohit Computers > .gemini > {} settings.json > {} mcpServers > {} github > {} headers > ᵃᵇᶜ Authorization
 9          },
10          "mcpServers": {
11              "context7": {
12                  "command": "npx",
13                  "args": [
14                      "-y",
15                      "@upstash/context7-mcp"
16                  ],
17                  "env": {
18                      "CONTEXT7_API_KEY": '
19                  }
20              },
21              "github": {
22                  "httpUrl": "https://api.githubcopilot.com/mcp/",
23                  "headers": {
24                      "Authorization": "Bearer $GITHUB_MCP_PAT"
25                  }
26              }
27          }
28      }
```

◆ **Step 4 - Restart Gemini CLI**

◆ **Step 5 - Verify Connection**



◆ **Step 6 - Test the Server**

**C:\WINDOWS\system32\cmd.exe** — □ ✕

To list your GitHub repositories, I need to know if you're referring to repositories you own, contribute to, or have starred. Could you please clarify what type of repositories you'd like to see?

> my all public repos

```
?  get_me (github MCP Server) {}                                                           ←

MCP Server: github
Tool: get_me

Allow execution of MCP tool "get_me" from server "github"?

● 1. Yes, allow once
  2. Yes, always allow tool "get_me" from server "github"
  3. Yes, always allow all tools from server "github"
  4. No, suggest changes (esc)
```

```
You are running Gemini CLI in your home directory. It is recommended to run in a project-specific directory.
```

⧖ Waiting for user confirmation...

Using: 1 GEMINI.md file | 2 MCP servers
~ (main*)                                    no sandbox (see /docs)                      auto

---

**C:\WINDOWS\system32\cmd.exe** — □ ✕

To list your GitHub repositories, I need to know if you're referring to repositories you own, contribute to, or have starred. Could you please clarify what type of repositories you'd like to see?

my all public repos

⧖ get_me (github MCP Server) {}

⧖ search_repositories (github MCP Server) {"query":"user:ZoyaAfzal is:public","minimal_output":false}

... first 1418 lines hidden ...
://api.github.com/repos/ZoyaAfzal/Data-Types-TypeScript/issues/comments{/number}","issue_events_url":"https://api.gi
thub.com/repos/ZoyaAfzal/Data-Types-TypeScript/issues/events{/number}","issues_url":"https://api.github.com/repos/Zo
yaAfzal/Data-Types-TypeScript/issues{/number}","keys_url":"https://api.github.com/repos/ZoyaAfzal/Data-Types-TypeScr
ipt/keys{/key_id}","labels_url":"https://api.github.com/repos/ZoyaAfzal/Data-Types-TypeScript/labels{/name}","langua
ges_url":"https://api.github.com/repos/ZoyaAfzal/Data-Types-TypeScript/languages","merges_url":"https://api.github.c
om/repos/ZoyaAfzal/Data-Types-TypeScript/merges","milestones_url":"https://api.github.com/repos/ZoyaAfzal/Data-Types
-TypeScript/milestones{/number}","notifications_url":"https://api.github.com/repos/ZoyaAfzal/Data-Types-TypeScript/n
otifications{?since,all,participating}","pulls_url":"https://api.github.com/repos/ZoyaAfzal/Data-Types-TypeScript/pu
lls{/number}","releases_url":"https://api.github.com/repos/ZoyaAfzal/Data-Types-TypeScript/releases{/id}","stargazer
s_url":"https://api.github.com/repos/ZoyaAfzal/Data-Types-TypeScript/stargazers","statuses_url":"https://api.github.
com/repos/ZoyaAfzal/Data-Types-TypeScript/statuses/{sha}","subscribers_url":"https://api.github.com/repos/ZoyaAfzal/
Data-Types-TypeScript/subscribers","subscription_url":"https://api.github.com/repos/ZoyaAfzal/Data-Types-TypeScript/
subscription","tags_url":"https://api.github.com/repos/ZoyaAfzal/Data-Types-TypeScript/tags","trees_url":"https://ap
i.github.com/repos/ZoyaAfzal/Data-Types-TypeScript/git/trees{/sha}","teams_url":"https://api.github.com/repos/ZoyaAf
zal/Data-Types-TypeScript/teams","visibility":"public"},{"id":847794448,"node_id":"R_kgDOMohREA","owner":{"login":"Z
oyaAfzal","id":160391124,"node_id":"U_kgDOCY9f1A","avatar_url":"https://avatars.githubusercontent.com/u/160391124?v=
4","html_url":"https://github.com/ZoyaAfzal","gravatar_id":"","type":"User","site_admin":false,"url":"https://api.gi
thub.com/users/ZoyaAfzal","events_url":"https://api.github.com/users/ZoyaAfzal/events{/privacy}","following_url":"ht

```
>  ▌ Type your message or @path/to/file
```

~ (main*)                              no sandbox (see /docs)                              auto
        - URL: https://github.com/ZoyaAfzal/AIDD_30-Days-Of-Challenge
        - Language: Python

  9. PortfolioAssignment_CustomCss
        - Description: I've successfully created my fully responsive and dynamic portfolio, built with Next.js, Typescript
          and Custom CSS, and it's now live on Vercel!
        - URL: https://github.com/ZoyaAfzal/PortfolioAssignment_CustomCss
        - Language: TypeScript

  10. assignment02_openai-agent-sdk
        - Description: Multi-agent AI assistant powered by OpenAI's Agents SDK! ▯ ▯ In this project, I built: ▯  A smart
          guardrail agent to detect if a query is homework-related ▯   ▯  Specialized agents like a History Tutor, Math
          Tutor, and General Knowledge Agent ▯    ▯  A tool-using History Tutor that fetches real historical events in
          Pakistan.://github.com/ZoyaAfzal/Next.js_Portfolio_CustomCss
        - URL: https://github.com/ZoyaAfzal/assignment02_openai-agent-sdk
        - Language: Python
  **8.
  11. Project03_StreamlitLibraryManager
        - Description: Personal Library Manager built with Streamlit, SQLite, and Open Library API integration. This app
          allows users to easily manage their personal book collection, add new books, view details, and even get
          AI-powered book recommendations. All book data is securely stored and accessed via an SQLite database, ensuring
          smooth management.
        - URL: https://github.com/ZoyaAfzal/Project03_StreamlitLibraryManager
        - Language: Python
Using: 1 GEMINI.md file | 2 MCP servers
  12. Next.js_Milestone1_helloworld

                    bash                                                          Copy code