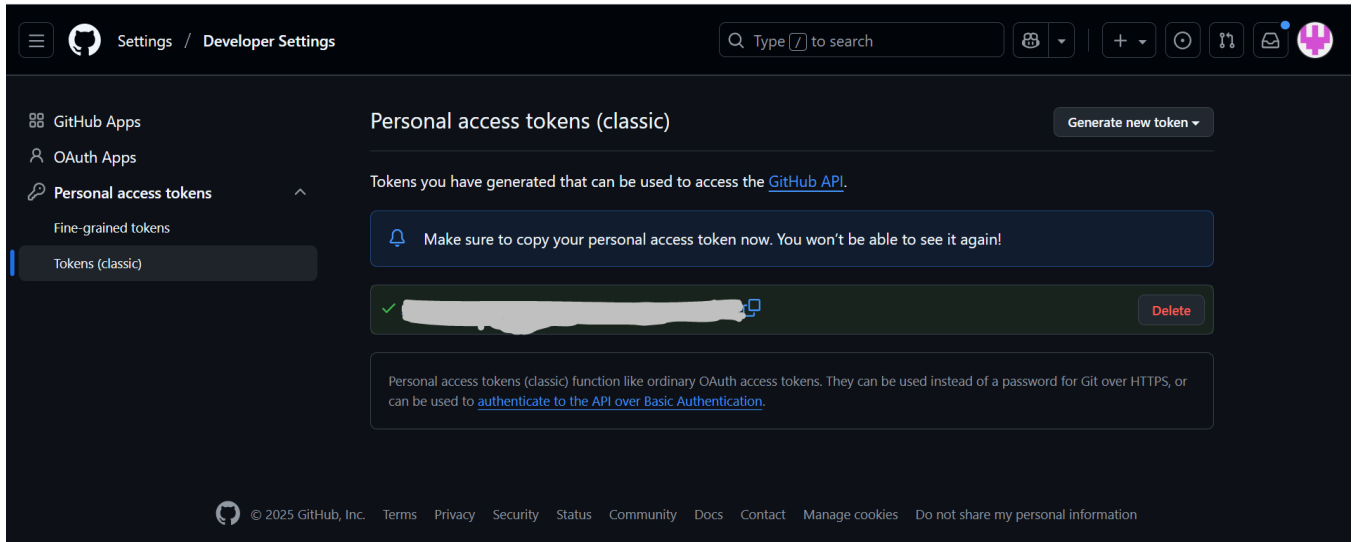


**TASK 06**  
**30 DAYS CHALLENGE**  
**FRIDAY BATCH (6:00 PM to 9:00 PM)**

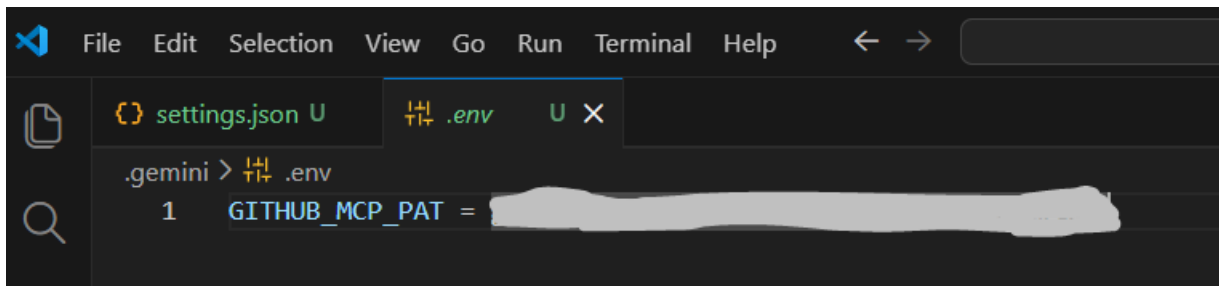
**Submitted by:**  
**Darakhshan Imran**  
**Roll No. 00430657**

# GITHUB – MCP INTEGRATION

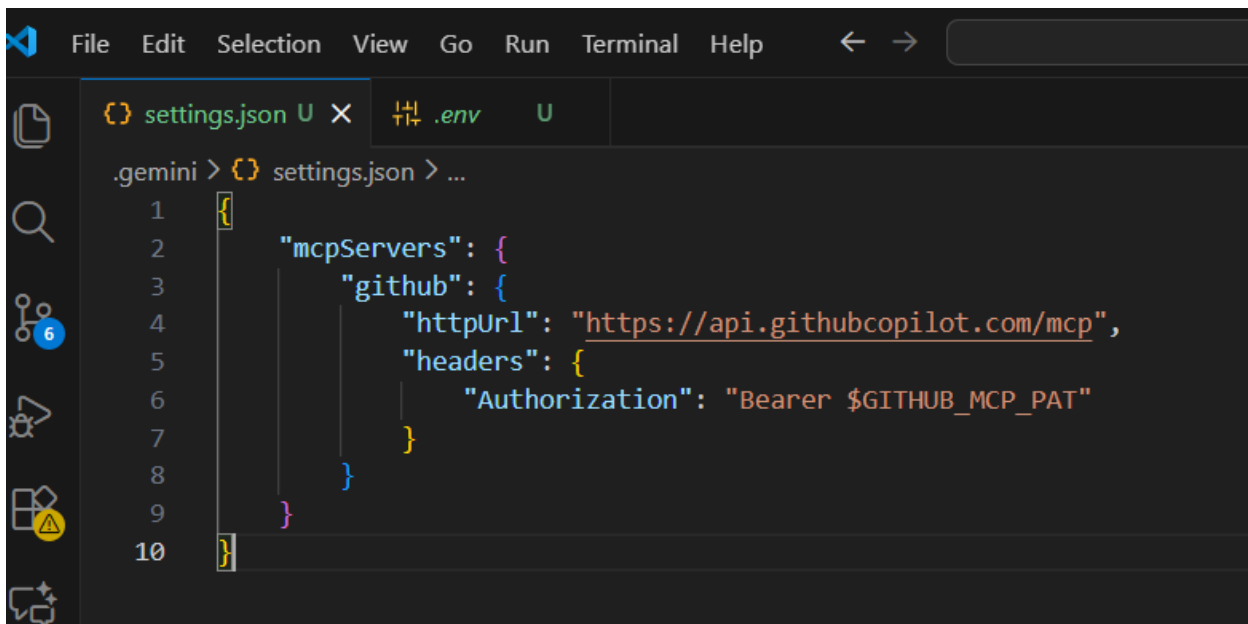
## Step 1 - Create Your GitHub Personal Access Token (PAT)



## Step 2 - Store Your Token Securely



### Step 3 - Configure Gemini to Use GitHub MCP Server



The screenshot shows the Visual Studio Code editor with the `settings.json` file open. The file is configured to use the GitHub MCP server. The configuration is as follows:

```
.gemini > {} settings.json > ...
1  {}
2      "mcpServers": {
3          "github": {
4              "httpUrl": "https://api.githubcopilot.com/mcp",
5              "headers": {
6                  "Authorization": "Bearer $GITHUB_MCP_PAT"
7              }
8          }
9      }
10 }
```

### Step 4 – Verify the Connection setup via /mcp list

Gemini - Task 6

```
> /mcp list
```

Configured MCP servers:

github - Ready (40 tools, 2 prompts)

Tools:

- add\_comment\_to\_pending\_review
- add\_issue\_comment
- assign\_copilot\_to\_issue
- create\_branch
- create\_or\_update\_file
- create\_pull\_request
- create\_repository
- delete\_file
- fork\_repository
- 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

- get\_teams
  - issue\_read
  - issue\_write
  - list\_branches
  - list\_commits
  - list\_issue\_types
  - list\_issues
  - list\_pull\_requests
  - list\_releases
  - list\_tags
  - merge\_pull\_request
  - pull\_request\_read
  - pull\_request\_review\_write
  - push\_files
  - request\_copilot\_review
  - search\_code
  - search\_issues
  - search\_pull\_requests
  - search\_repositories
  - search\_users
  - sub\_issue\_write
  - update\_pull\_request
  - update\_pull\_request\_branch
- Prompts:
- AssignCodingAgent
  - IssueToFixWorkflow

## Step 5 – Server Runs Successfully

```
> list my github repositories
```

```
? 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)

```
? Waiting for user confirmation...
```

```
? The following are your GitHub repositories:
```

- cli-number-guessing-game
- milestone5-shareable-pdf-resume-darakhshan.imran
- first-aid-game
- milestone1-static-resume-darakhshan.imran
- agent-ai-learning
- car-dynamic-frontend
- furniro
- myportfolio
- assignments-04
- ecommerce7-hackathon-2
- OOP\_01
- milestone2-3-dynamic-resume-builder-darakhshan.imran
- food-riddle-game
- assignment6-oop
- template-7-api
- fitness-tracker
- streamlit-lms
- milestone-4-editable-resume-darakhshan-imran
- password-strength-meter
- cli-library-management-system
- Login-Form
- Hackathon-3
- smart-unit-converter
- Registration-Form
- Asynchronous
- lms-streamlit-app
- AIDD-30-DAYS-CHALLENGE
- class-15-code
- Forms-navigation-feature

```
Let me know if you need to perform any actions on these repositories.
```