

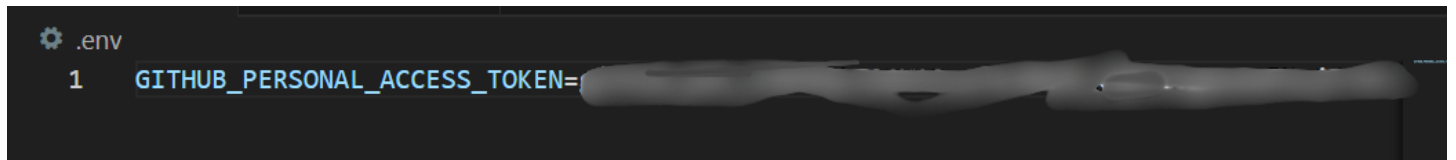
AI-Driven Development - 30-Day Challenge Task 6

GitHub × MCP Integration (Hosted Method)

Name:ALISHBA ABID

Slot:(Friday 6–9 PM)

◆ Step 1 - GitHub Personal Access Token (PAT)



```
1 GITHUB_PERSONAL_ACCESS_TOKEN=
```

◆ Step 2 - Configure Gemini to Use GitHub MCP Server



```
{  
  "mcpServers": {  
    "github": {  
      "command": "npx",  
      "args": [  
        "-y",  
        "@modelcontextprotocol/server-github"  
      ],  
      "env": {  
        "GITHUB_PERSONAL_ACCESS_TOKEN": "${GITHUB_PERSONAL_ACCESS_TOKEN}"  
      }  
    }  
  }  
}
```

◆ Step 3 - Verify Connection

```
> /mcp list
```

Configured MCP servers:

● github - Ready (26 tools)

Tools:

- add_issue_comment
- create_branch
- create_issue
- create_or_update_file
- create_pull_request
- create_pull_request_review
- create_repository
- fork_repository
- get_file_contents
- get_issue

◆ Step 6 - Test the Server

```
♦ I found 135 repositories for the user alishbaabid56. Here are a few of them:
```

- * simple_calculator: https://github.com/alishbaabid56/simple_calculator
- * Template7_Alishbabid_Hackathon7: https://github.com/alishbaabid56/Template7_Alishbabid_Hackathon7
- * milestone2resumebyalishbaabid: <https://github.com/alishbaabid56/milestone2resumebya>
- * hackathon_Rental-E--commerce: https://github.com/alishbaabid56/hackathon_Rental-E--
- * Assignment_06: https://github.com/alishbaabid56/Assignment_06
- * blogapp: <https://github.com/alishbaabid56/blogapp>
- * DAY-1-TO-DAY-7-_Hackathonon: https://github.com/alishbaabid56/DAY-1-TO-DAY-7-_Hacka
- * MarketPlace_Hackathon2025_Rental-E-commerce: https://github.com/alishbaabid56/MarketPlace_Hackathon2025_Rental-E-commerce
- * alishbaabid_customcssportfolio: https://github.com/alishbaabid56/alishbaabid_customcssportfolio
- * assignment-2_alishbaabid: https://github.com/alishbaabid56/assignment-2_alishbaabid
- * Gemini_Chatbot: https://github.com/alishbaabid56/Gemini_Chatbot