

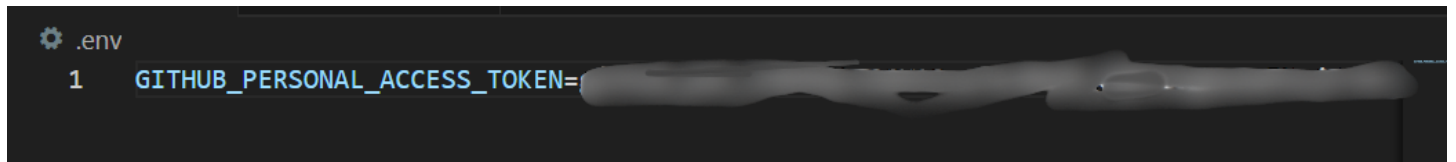
# AI-Driven Development - 30-Day Challenge Task 6

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 4 - 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](https://github.com/alishbaabid56/simple_calculator)
- \* Template7\_Alishbabid\_Hackathon7: [https://github.com/alishbaabid56/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--](https://github.com/alishbaabid56/hackathon_Rental-E--)
- \* Assignment\_06: [https://github.com/alishbaabid56/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](https://github.com/alishbaabid56/DAY-1-TO-DAY-7-_Hacka)
- \* MarketPlace\_Hackathon2025\_Rental-E-commerce: [https://github.com/alishbaabid56/MarketPlace\\_Hackathon2025\\_Rental-E-commerce](https://github.com/alishbaabid56/MarketPlace_Hackathon2025_Rental-E-commerce)
- \* alishbaabid\_customcssportfolio: [https://github.com/alishbaabid56/alishbaabid\\_customcssportfolio](https://github.com/alishbaabid56/alishbaabid_customcssportfolio)
- \* assignment-2\_alishbaabid: [https://github.com/alishbaabid56/assignment-2\\_alishbaabid](https://github.com/alishbaabid56/assignment-2_alishbaabid)
- \* Gemini\_Chatbot: [https://github.com/alishbaabid56/Gemini\\_Chatbot](https://github.com/alishbaabid56/Gemini_Chatbot)