

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

- Created GitHub Personal Access Token (PAT) using the link below:

<https://github.com/settings/personal-access-tokens/new>

- Created **.gemini/.env** file and stored the generated token securely:



A screenshot of the VS Code interface. The Explorer sidebar shows a folder named 'TASK-06' containing '.gemini', '.env', and 'settings.json'. The 'main.py' file is open in the editor, and the bottom right pane shows the 'settings.json' file with the following content:

```
1  .gemini > {} .env
2  1
3  2  GITHUB_MCP_PAT=github_pat_
4  3 |
```

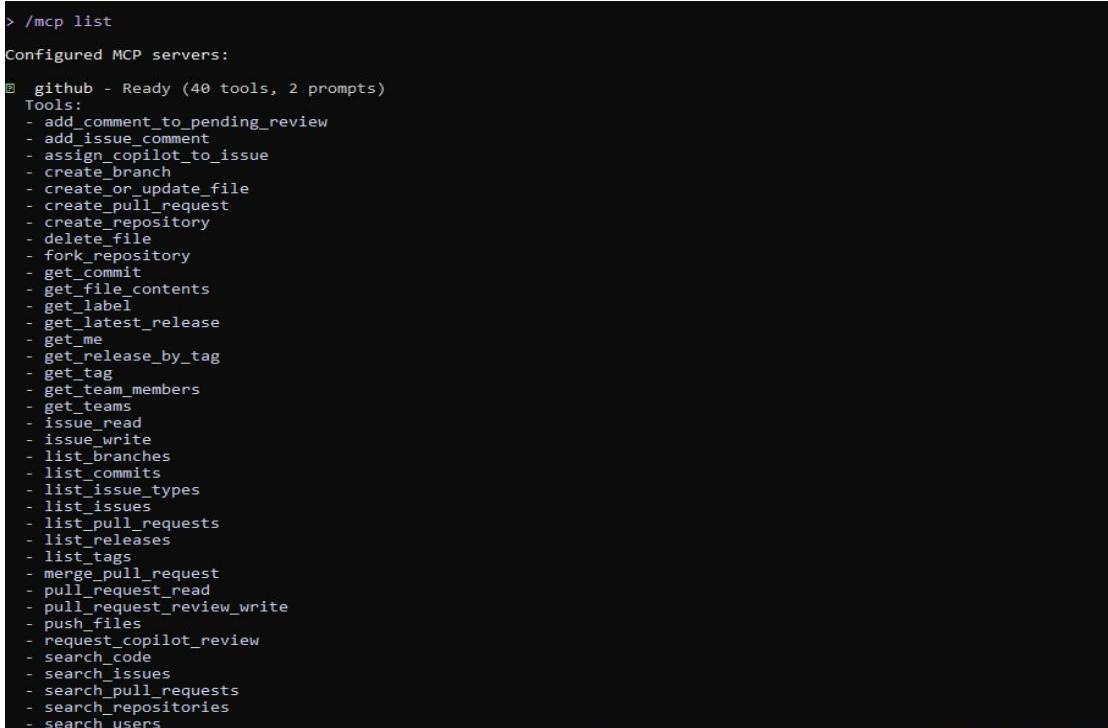
- Created **.gemini/settings.json** file and pasted the code to connect github MCP server.



A screenshot of the VS Code interface. The Explorer sidebar shows a folder named 'TASK-06' containing '.gemini', '.env', 'settings.json', '.venv', '.python-version', 'main.py', 'pyproject.toml', and 'README.md'. The 'settings.json' file is open in the editor, showing the following configuration:

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

- Restarted the Gemini CLI
➤ Verified the Connection it shows github — Ready (40+ tools)



A screenshot of a terminal window showing the output of the '/mcp list' command. The output lists the configured MCP servers and the available tools for the 'github' server:

```
> /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
- 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
```

➤ “List my GitHub repositories”

```
Here is a list of your GitHub repositories:
* vanilla-frontend-projects: A collection of 20+ frontend mini-projects built using HTML, CSS, and JavaScript – perfect for learning core web development skills and showcasing them in a job-ready portfolio. (HTML)
* todo-list-using-reactjs: in this repository I have created a todo list using reactjs with options add todo, update todo, delete todo and check todo. (JavaScript)
* project03-todo-list: In this repository I have created a simple todo list app with options : Add todo, Delete a todo, View all todos and Exit the todo list. (TypeScript)
* Full-Stack-E-Commerce-Website-built-with-Next.js-15: A modern, scalable, and responsive full-stack e-commerce web application built using: Next.js 15, Tailwind CSS, ShadCN UI, Framer Motion, Stripe for secure payment integration , Clerk for user authentication and management, Sanity CMS as a powerful headless CMS. (TypeScript)
* Password-Generator-using-Reactjs: In this repository I have created a password generator using Reactjs. (JavaScript)
* project-02-atm: This is a simple ATM machine with options Fast cash, withdraw and check balance etc (JavaScript)
* Portfolio-website-01-by-Muhammad-Raheem: (TypeScript)
* Saylani-website-home-page-clone: this is a Saylani Welfare Trust website home page clone using html and tailwind css. (HTML)
* TypeScript-and-Node.js-45-Questions-Assignment: In this repository I have solved all 45 exercises Assignment completely. (TypeScript)
* figma-to-code-ui-projects: A collection of beautiful and responsive UI projects built by converting Figma designs into code using HTML, CSS, Tailwind CSS, and modern front-end tools. (TypeScript)
* Password-generator: This is a password generator created using html ,css and JS (JavaScript)
* smit-dialogflow-mega-test: A dialogflow agent mega project at SMIT during GenAI&chatbot course (HTML)
* GIAIC-NextJs-UI-UX-Hackathon-E-Commerce-website-Template-0-by-Muhammad-Raheem: GIAIC-NextJs-UI-UX-Hackathon-E-Commerce-website-Template-0-by-Muhammad-Raheem (TypeScript)
* Python-Assignment-05--Secure-Data-Encryption-System-Using-Streamlit: A Streamlit-based app for securely storing and retrieving encrypted data using passkeys and AES (Fernet) encryption. Includes secure authentication, in-memory & persistent storage, and auto logout after failed attempts. (Python)
* Analog-Clock-: This is a simple analog clock created using HTML , CSS and JavaScript (CSS)
* basic-ecommerce-redux-site: A basic eCommerce website built with Next.js, TypeScript, Redux Toolkit, and Redux Persist. Features include product browsing from local mock data, cart state management, and cash on delivery checkout with order confirmation. (TypeScript)
* GIAIC-Hackathon-1-milestone-04-Editable-Resume-builder: This is simple editable dynamic resume builder using html css and js (TypeScript)
* GIAIC-Hackathon-1-milestone-03-dynamic-Resume-builder: (TypeScript)
* Python-Assignment-06-OOP-Series: This repo contains assignments related to Object Oriented Programming in python. (Python)
* Simple-Calculator: This is a Simple Command Line Calculator (JavaScript)
* stop-watch: This is a simple stop watch that is created using html, css and JS. (JavaScript)
* GIAIC-Hackathon-1-milestone-05-Shareable-Resume-builder-by-Muhammad-Raheem: (TypeScript)
* nextjs-front-end-project: A collection of modern frontend projects built with Next.js and Tailwind CSS – designed to showcase UI/UX skills, component reusability, and responsive design. (TypeScript)
* AI-Driven-Development-AIDD : Learning AI-Driven Development (AIDD) during Agentic AI journey
* Analog-Clock-2: Analog Clock using html css and javascript (CSS)
* GIAIC-1st-Hackathon-milestone-01-Static-Resume-Builder: (CSS)
* Portfolio-website-02-using-pure-html-css-and-JS: this is simple portfolio website created using pure html css and javascript (HTML)
* Portfolio-using-html-and-Tailwindcss: Tis is a basic portfolio that I had created using html and Tailwind css (HTML)
* SMIT-GenAI-Course: This repo will include all GenAI&Chatbot projects and assignments given at SMIT. (HTML)
```

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