Day 1

Date : 22.04.2025

Agenda

1. Git Installation
2. VSCode Installation
3. Python Installation
4. Docker Desktop Installation
5. GitHub Account Creation (Personal MailID)
6. DockerHub Account Creation
7. Git commands

Git Installation

winget install git.git

VSCode Installation

winget install Microsoft.VisualStudioCode

Python Installation

winget install Python.Python.3.13

Docker Desktop installation

winget install Docker.DockerDesktop

After installation of the above mentioned packages

```
PowerShell 7.4.7

  A new PowerShell stable release is available: v7.5.0
  Upgrade now, or check out the release page at:
    https://aka.ms/PowerShell-Release?tag=v7.5.0

PS C:\Users\Harikrishnan N> git --version
git version 2.45.1.windows.1
PS C:\Users\Harikrishnan N> code --version
1.97.2
e54c774e0add60467559eb0d1e229c6452cf8447
x64
PS C:\Users\Harikrishnan N> python --version
Python 3.13.3
PS C:\Users\Harikrishnan N> docker --version
Docker version 28.0.1, build 068a01e
PS C:\Users\Harikrishnan N>
```
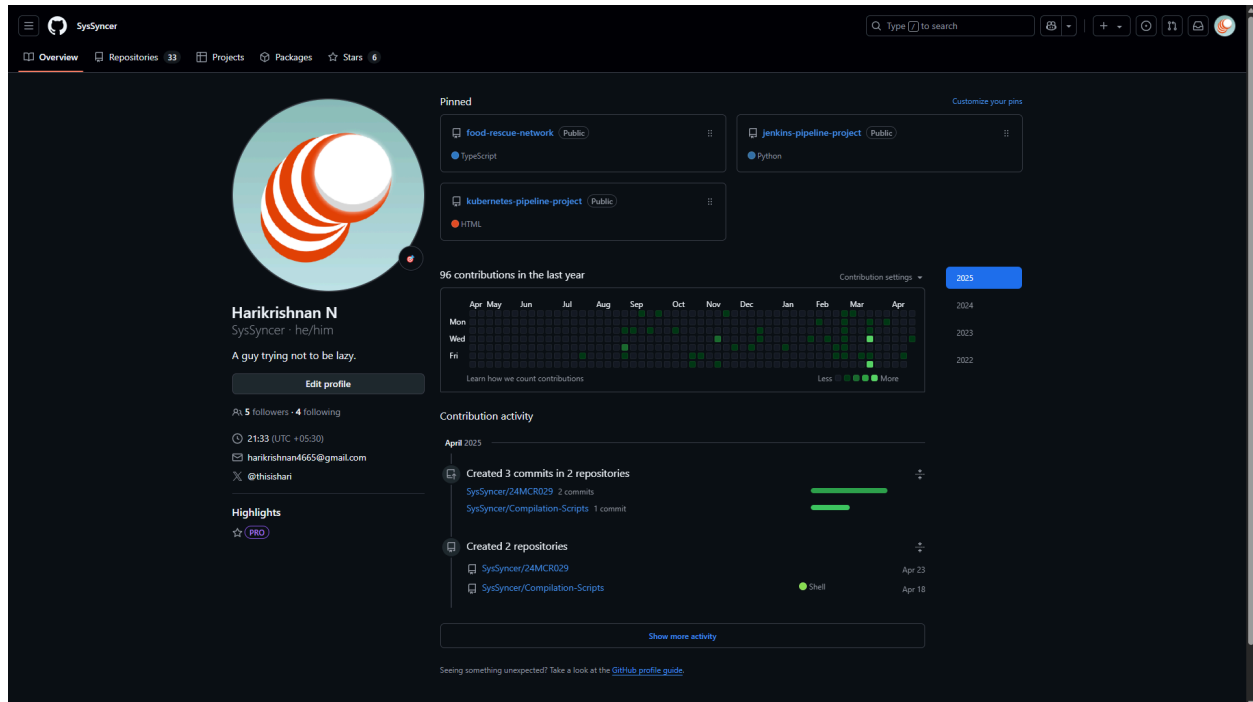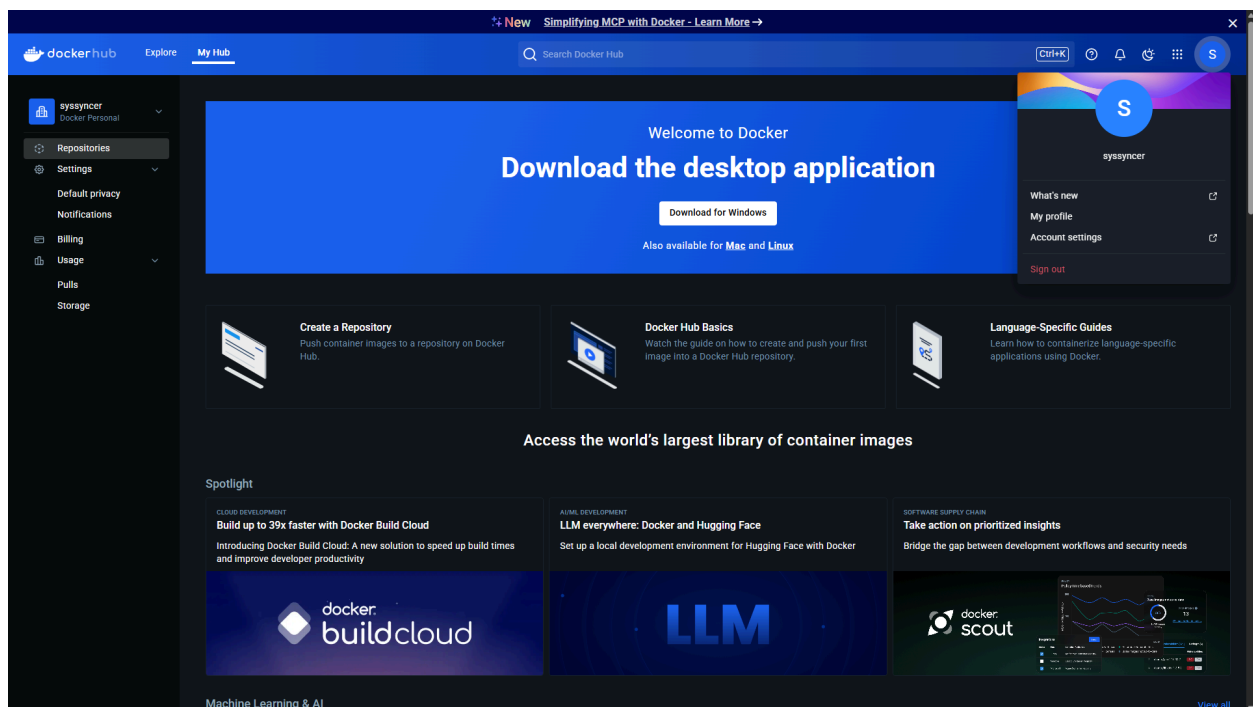
GitHub Account Creation (Personal Mail ID) - Already created

DockerHub Account Creation - Already created

Git commands

```
Name: Harikrishnan N\nReg.No: 24MCR029\nDept: MCA\nFavourite Programming Language: Cpp
PS D:\24MCR029> notepad.exe .\24MCR029.txt
PS D:\24MCR029> git init
Initialized empty Git repository in D:/24MCR029/.git/
PS D:\24MCR029> git add .\24MCR029.txt
PS D:\24MCR029> git commit -m "Added personal details"
[master (root-commit) 01e7bdc] Added personal details
 1 file changed, 4 insertions(+)
 create mode 100644 24MCR029.txt
PS D:\24MCR029> git status
On branch master
nothing to commit, working tree clean
PS D:\24MCR029> git branch
* master
PS D:\24MCR029> git stash
No local changes to save
PS D:\24MCR029> git log
commit 01e7bdc9c691a3f0be731070f726345cc505a213 (HEAD -> master)
Author: syssyncer <harikrishnan4665@gmail.com>
Date:   Wed Apr 23 14:50:48 2025 +0530

    Added personal details
PS D:\24MCR029> git branch -M main
PS D:\24MCR029> git remote add origin https://github.com/SysSyncer/24MCR029.git
PS D:\24MCR029> git push -u origin main
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 312 bytes | 156.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/SysSyncer/24MCR029.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS D:\24MCR029> git branch
* main
PS D:\24MCR029> |
```

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