Creating VPC using Terraform and Github Actions automation:

created a public repository in github named **vpc-terraform-github-actions**

**git clone https://github.com/pichuka123/vpc-terraform-github-actions.git vpcTFgitActions**

cd vpcTFgitActions/

**git config --global --add safe.directory /mnt/c/Users/UX506505/Desktop/DevSecOps/vpcTFgitActions**

**git branch**

\* main

but we need to create one feature branch and do all the changes to the code, if everything is fine, then we push to main branch and do pull request.

**git checkout -b feature**

Switched to a new branch 'feature'

**git branch**

\* feature

main

now, we need AWS CLI for AWS configuration to git or any other services.

curl "https://awscli.amazonaws.com/awscli-exe-linux-x86\_64.zip" -o "awscliv2.zip"

apt-get install unzip -y

unzip awscliv2.zip

sudo ./aws/install

aws --version

aws-cli/2.18.0 Python/3.12.6 Linux/5.15.153.1-microsoft-standard-WSL2 exe/x86\_64.ubuntu.24

aws configure

AWS Access Key ID [None]: AKIAUNQQQ6DR3ATFBIOU

AWS Secret Access Key [None]: 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

Default region name [None]: us-east-1a

Default output format [None]: json