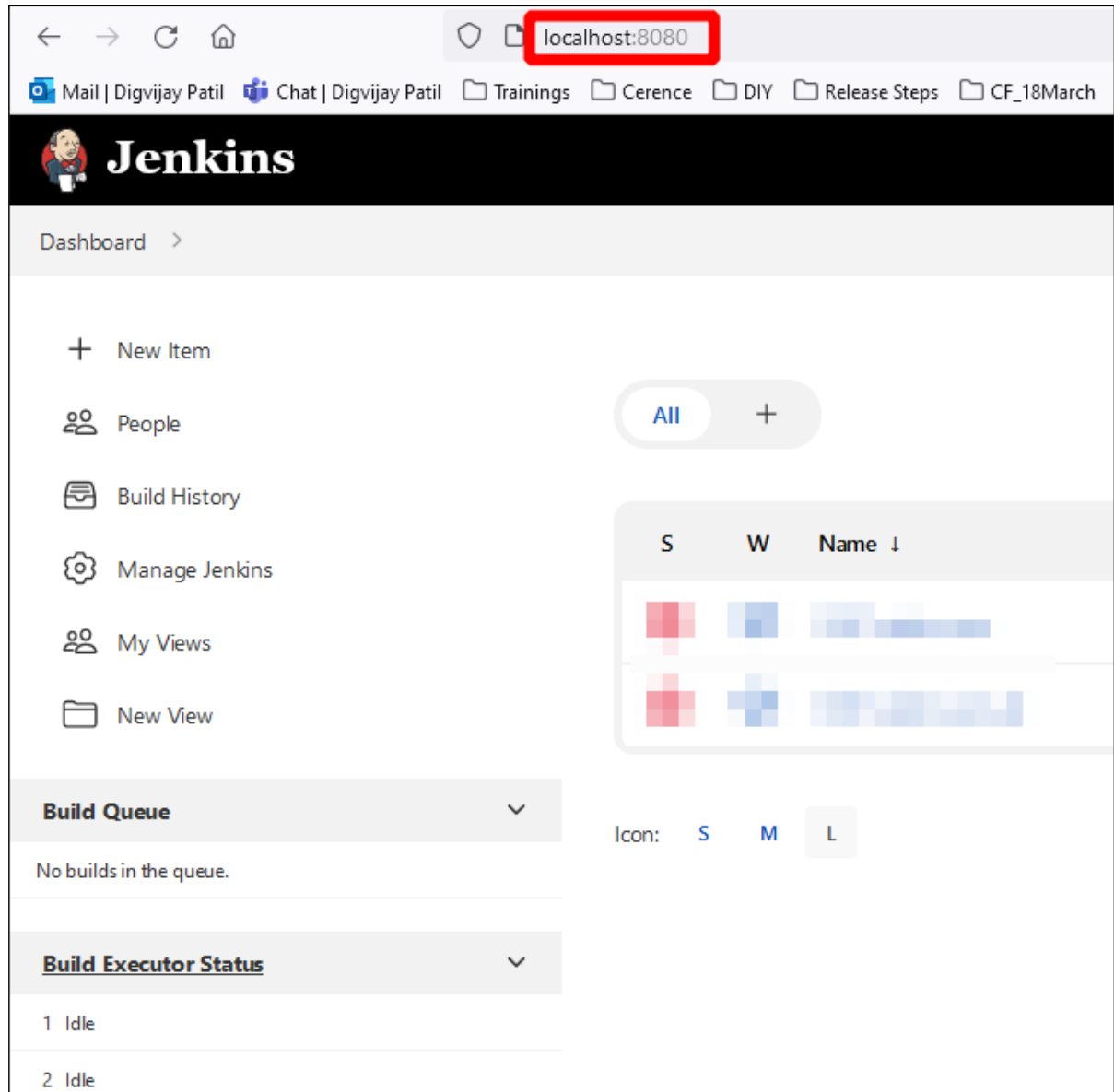


## Jenkins Setup

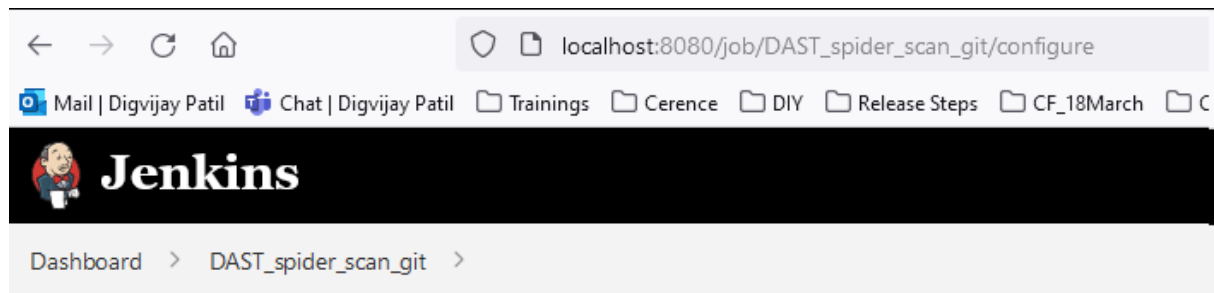
# Install Jenkins



## Install plugins

1. Git
2. Powershell

# Create a Job



General

Source Code Management

Build Triggers

Description

Fetch all files from github and run powershell script

[Plain text] [Preview](#)

☐ Discard old builds ?

☒ GitHub project

Project url ?

Advanced...

☐ This project is parameterized ?

☐ Throttle builds ?

☐ Disable this project ?

☐ Execute concurrent builds if necessary ?

Advanced...

localhost:8080/job/DAST\_spider\_scan\_git/configure

Mail | Digvijay Patil

Chat | Digvijay Patil

Trainings

Cerence

DIY

Release Steps

CF\_18March

Dashboard > DAST\_spider\_scan\_git >

General

Source Code Management

Build Trigger:

Source Code Management

☐

None

☒

Git ?

Repositories ?

Repository URL ?

https://github.com/DigvijayPati/devsecops.git

Credentials ?

- none -

+ Add

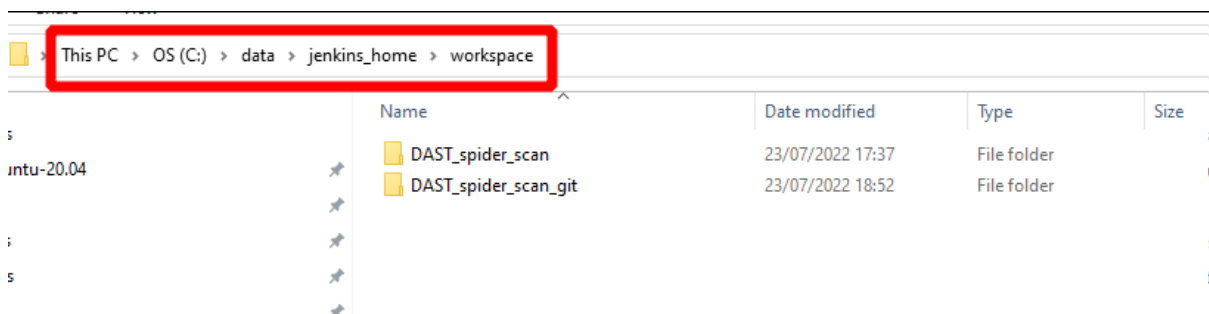
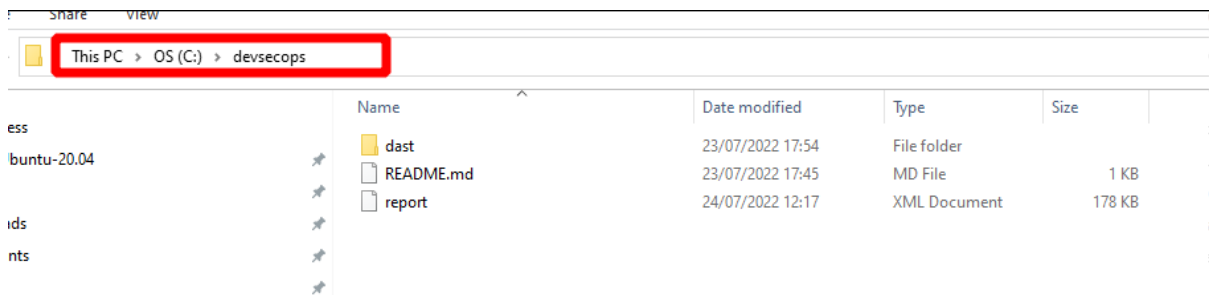
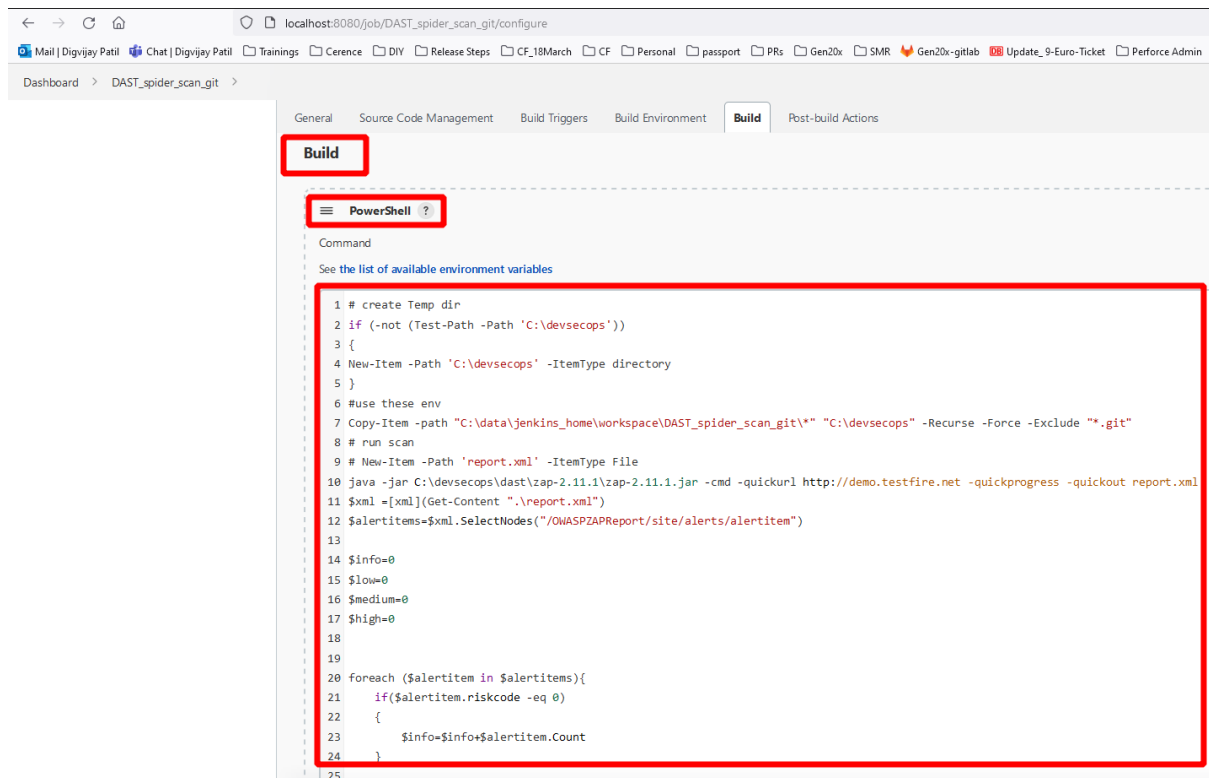
Advanced...

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

\*/main



## Powershell script

```
# create Temp dir
if (-not (Test-Path -Path 'C:\devsecops'))
{
  New-Item -Path 'C:\devsecops' -ItemType directory
}
```

```

#use these env
Copy-Item -path "C:\data\jenkins_home\workspace\DAST_spider_scan_git\*"
"C:\devsecops" -Recurse -Force -Exclude "*.git"
# run scan
# New-Item -Path 'report.xml' -ItemType File
java -jar C:\devsecops\dast\zap-2.11.1\zap-2.11.1.jar -cmd -quickurl
http://demo.testfire.net -quickprogress -quickout report.xml
$xml=[xml](Get-Content ".\report.xml")
$alertitems=$xml.SelectNodes("/OWASPZAPReport/site/alerts/alertitem")

$info=0
$low=0
$medium=0
$high=0

foreach ($alertitem in $alertitems){
    if($alertitem.riskcode -eq 0)
    {
        $info=$info+$alertitem.Count
    }

    if($alertitem.riskcode -eq 1)
    {
        $low=$low+$alertitem.Count
    }

    if($alertitem.riskcode -eq 2)
    {
        $medium=$medium+$alertitem.Count
    }

    if($alertitem.riskcode -eq 3)
    {
        $high=$high+$alertitem.Count
    }
}

Write-Host "High Vulnerabilities:"$high

Write-Host "Medium Vulnerabilities:"$medium

Write-Host "Low Vulnerabilities:"$low

Write-Host "Info Vulnerabilities:"$info

```

```
if($high -gt 0 -Or $medium -gt 0 )
{

    Write-Host "There are vulnerbailities in your application, Please fix them.."
    exit 1

}

else

{

    Write-Host "Your application received signoff for DAST.."

}

}
```