

Jenkins Task-2

Task Description:

Create a simple script file and push it to repo. Create a project in Jenkins connected to your GitHub repository. When a commit is made to your repo, automatically build must get triggered from Jenkins and the output must be shared to me via email.

EC2 Instance:

The screenshot shows the AWS EC2 Instances page. The left sidebar navigation includes EC2, Dashboard, Events, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Capacity Manager, Images, AMIs, AMI Catalog, Elastic Block Store, Volumes, Snapshots, Lifecycle Manager, Network & Security, Security Groups, Elastic IPs, Placement Groups, Key Pairs, and Network Interfaces. The main content area displays 'Instances (1/1) Info'. A table lists one instance: Jenkins_pipeline (i-005c08fd25d830729). The instance is running, has an instance type of t2.micro, and is in the us-east-1c availability zone. It has a public IPv4 address of 13.220.252.99 and a private IP address of 172.31.80.122. The Networking tab is selected, showing the Public IPv4 address is copied. Other tabs include Details, Status and alarms, Monitoring, Security, Storage, and Tags.

Jenkins:

The screenshot shows the Jenkins dashboard. At the top, there are links for New Item, Build History, and Add description. Below that is a search bar and a status summary: All (0/2). The main area displays the Build Queue and Build Executor Status. The Build Queue shows 'No builds in the queue.' The Build Executor Status shows 0/2 executors available. A table lists two projects: 'hello-freestyle' (Status: Success, Last Success: 1 hr 40 min ago, Last Failure: 1 hr 43 min ago, Last Duration: 0.45 sec) and 'repo-pipeline' (Status: Failed, Last Success: N/A, Last Failure: 16 sec ago, Last Duration: 0.28 sec).

Github Repo:

The screenshot shows a GitHub repository page for 'spiky-gold-practice'. The left sidebar shows files like 'main', 'Jenkins' (which contains 'jenkins', 'script.sh'), 'shell-scripting-30days', 'README.md', 'file-creation-task.sh', and 'file-permission-task.sh'. The main area shows a 'Jenkins' folder with three items: '..', 'jenkins', and 'script.sh'. The 'jenkins' item was added 28 minutes ago.

Jenkins output:

The screenshot shows the Jenkins console output for a build named 'auto-build'. The output text is as follows:

```
Started by GitHub push by ritvin0618
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/auto-build
[Git] Fetching changes from the remote Git repository
> git fetch --tags --progress https://github.com/ritvin0618/jenkins-auto-build.git +refs/heads/*:refs/remotes/origin/*
Checking out Revision a1b2c3d4e5f66 (refs/remotes/origin/main)
[auto-build] $ /bin/bash build.sh
Hello from Jenkins auto-build!
Sun Nov 2 11:30:45 UTC 2025
Finished: SUCCESS
```

