

C Jagannath

Module_6 - Jenkins Exercises

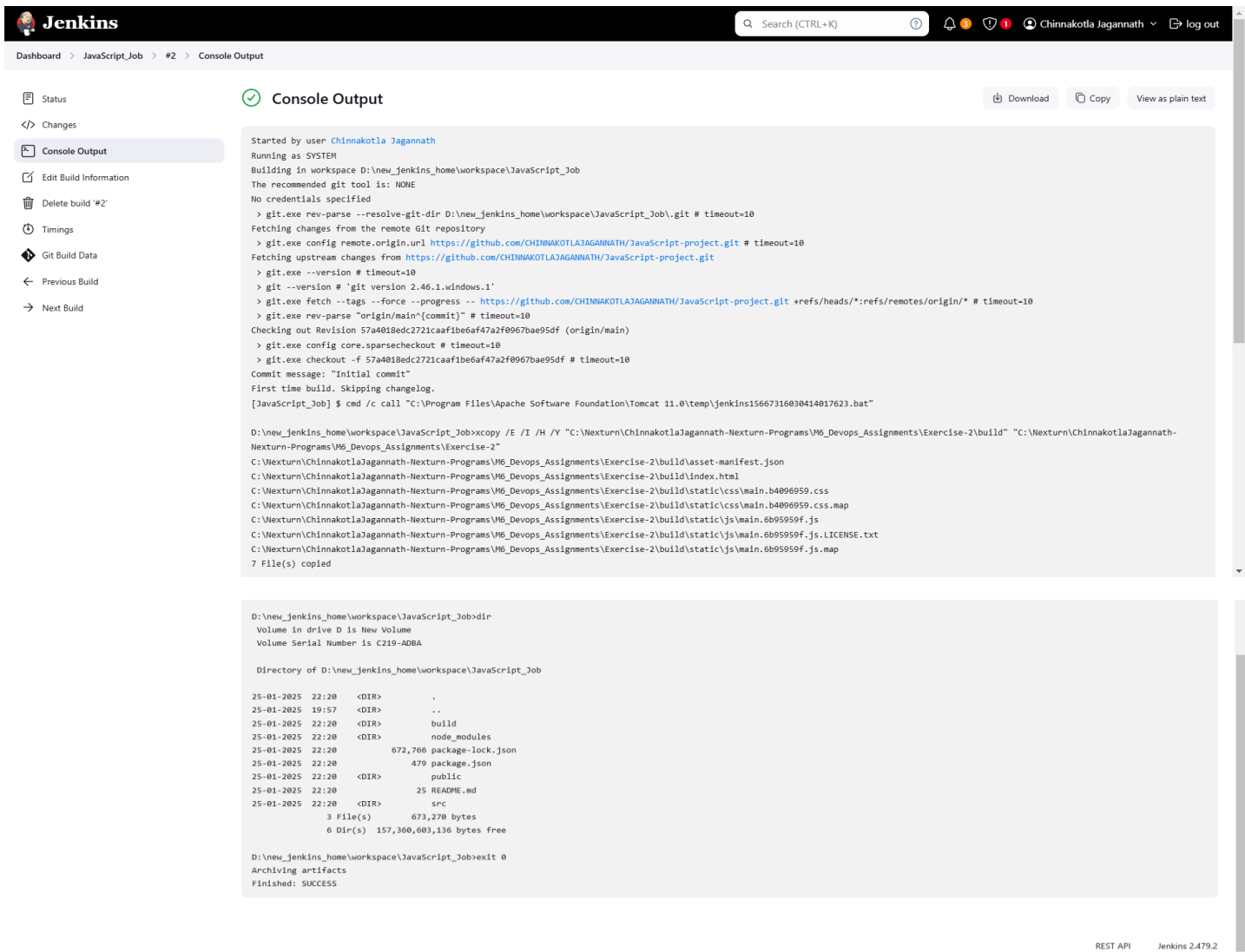
Exercise 2: Freestyle Job - Build and Deploy a JavaScript Project

1. Objective: Build and deploy a JavaScript-based web project.

2. Steps:

- o Create a Freestyle Job.
- o Configure the job to:
 - Clone a JavaScript repository (e.g., a React project) from GitHub.
 - Run npm install to install dependencies.
 - Build the project using npm run build.
 - Copy the build folder to a deployment directory using a Windows batch command or PowerShell.
- o Archive the build artifacts for future reference.

3. Task: Verify the deployment by accessing the web application from the deployment directory.



Jenkins Search (CTRL+K) Chinnakotla Jagannath log out

Dashboard > JavaScript_Job > #2 > Console Output

Console Output

Started by user Chinnakotla Jagannath

Running as SYSTEM

Building in workspace D:\new_jenkins_home\workspace\JavaScript_Job

The recommended git tool is: NONE

No credentials specified

> git.exe rev-parse --resolve-git-dir D:\new_jenkins_home\workspace\JavaScript_Job\.git # timeout=10

Fetching changes from the remote Git repository

> git.exe config remote.origin.url https://github.com/CHINNAKOTLAJAGANNATH/JavaScript-project.git # timeout=10

Fetching upstream changes from https://github.com/CHINNAKOTLAJAGANNATH/JavaScript-project.git

> git.exe --version # timeout=10

> git --version # 'git version 2.46.1.windows.1'

> git.exe fetch --tags --force --progress -- https://github.com/CHINNAKOTLAJAGANNATH/JavaScript-project.git +refs/heads/*:refs/remotes/origin/* # timeout=10

> git.exe rev-parse "origin/main" # timeout=10

Checking out Revision 57a4018edc2721caaf1be6af47a2f0967bae95df (origin/main)

> git.exe config core.sparsecheckout # timeout=10

> git.exe checkout -f 57a4018edc2721caaf1be6af47a2f0967bae95df # timeout=10

Commit message: "Initial commit"

First time build. Skipping changelog.

[JavaScript_Job] \$ cmd /c call "C:\Program Files\Apache Software Foundation\Tomcat 11.0\temp\jenkins15667316030414017623.bat"

D:\new_jenkins_home\workspace\JavaScript_Job>copy /E /I /H /Y "C:\Nexturn\ChinnakotlaJagannath-Nexturn-Programs\VM6_Devops_Assignments\Exercise-2\build" "C:\Nexturn\ChinnakotlaJagannath-Nexturn-Programs\VM6_Devops_Assignments\Exercise-2"

C:\Nexturn\ChinnakotlaJagannath-Nexturn-Programs\VM6_Devops_Assignments\Exercise-2\build\asset-manifest.json

C:\Nexturn\ChinnakotlaJagannath-Nexturn-Programs\VM6_Devops_Assignments\Exercise-2\build\index.html

C:\Nexturn\ChinnakotlaJagannath-Nexturn-Programs\VM6_Devops_Assignments\Exercise-2\build\static\css\main.b4096059.css

C:\Nexturn\ChinnakotlaJagannath-Nexturn-Programs\VM6_Devops_Assignments\Exercise-2\build\static\css\main.b4096059.css.map

C:\Nexturn\ChinnakotlaJagannath-Nexturn-Programs\VM6_Devops_Assignments\Exercise-2\build\static\js\main.6b95959f.js

C:\Nexturn\ChinnakotlaJagannath-Nexturn-Programs\VM6_Devops_Assignments\Exercise-2\build\static\js\main.6b95959f.js.LICENSE.txt

C:\Nexturn\ChinnakotlaJagannath-Nexturn-Programs\VM6_Devops_Assignments\Exercise-2\build\static\js\main.6b95959f.js.map

7 File(s) copied

D:\new_jenkins_home\workspace\JavaScript_Job>dir

Volume in drive D is New Volume

Volume Serial Number is C219-ADBA

Directory of D:\new_jenkins_home\workspace\JavaScript_Job

25-01-2025	22:20	<DIR>	.
25-01-2025	19:57	<DIR>	..
25-01-2025	22:20	<DIR>	build
25-01-2025	22:20	<DIR>	node_modules
25-01-2025	22:20		672,766 package-lock.json
25-01-2025	22:20		479 package.json
25-01-2025	22:20	<DIR>	public
25-01-2025	22:20		25 README.md
25-01-2025	22:20	<DIR>	src
		3 File(s)	673,270 bytes
		6 Dir(s)	157,360,603,136 bytes free

D:\new_jenkins_home\workspace\JavaScript_Job>exit 0

Archiving artifacts

Finished: SUCCESS

REST API Jenkins 2.479.2