Jenkins CI/CD Pipeline – Demonstration Overview

Objective:
To demonstrate a working CI/CD pipeline using Jenkins that automates the deployment of a web application.

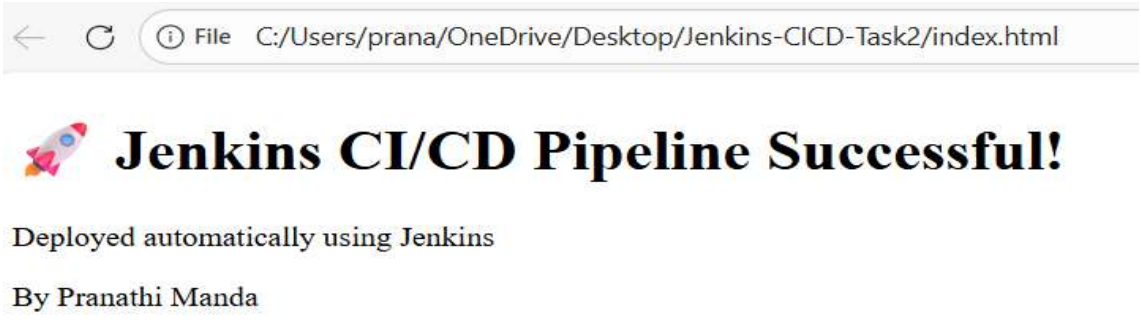
Pipeline Description:
This project uses Jenkins to automatically fetch code from a GitHub repository, execute pipeline stages, and deploy the application without manual intervention whenever code changes are pushed.

Automation Proof:
Any change made to the source code and pushed to GitHub triggers the Jenkins pipeline automatically and updates the deployed output, proving successful continuous deployment.

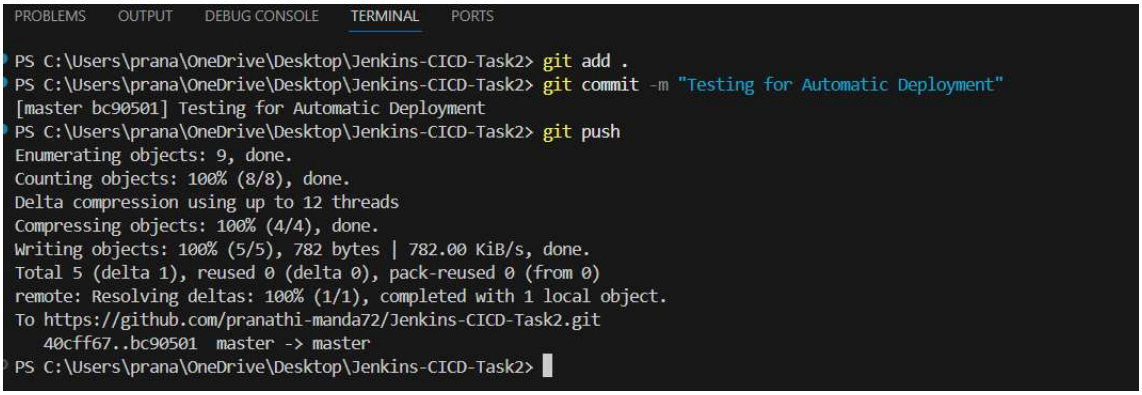
Tools Used:

- Jenkins
- Git & GitHub
- HTML Web Application

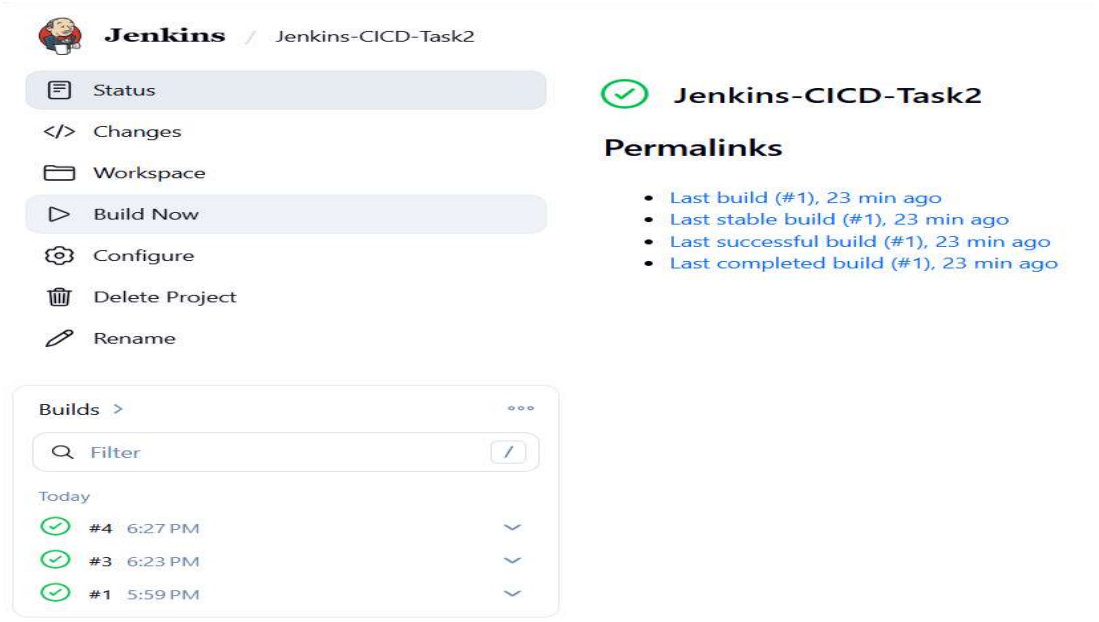
EXISTING WEB PAGE



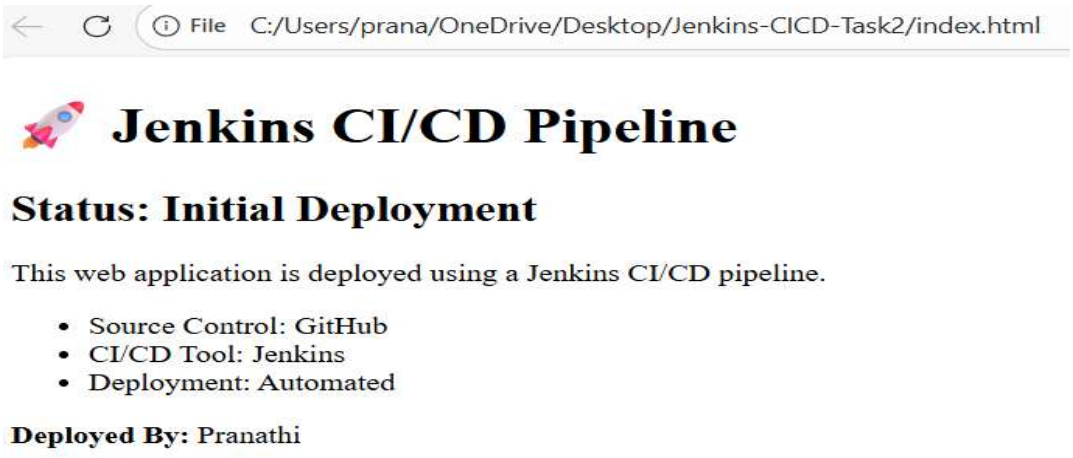
COMMITED AFTER CHANGES



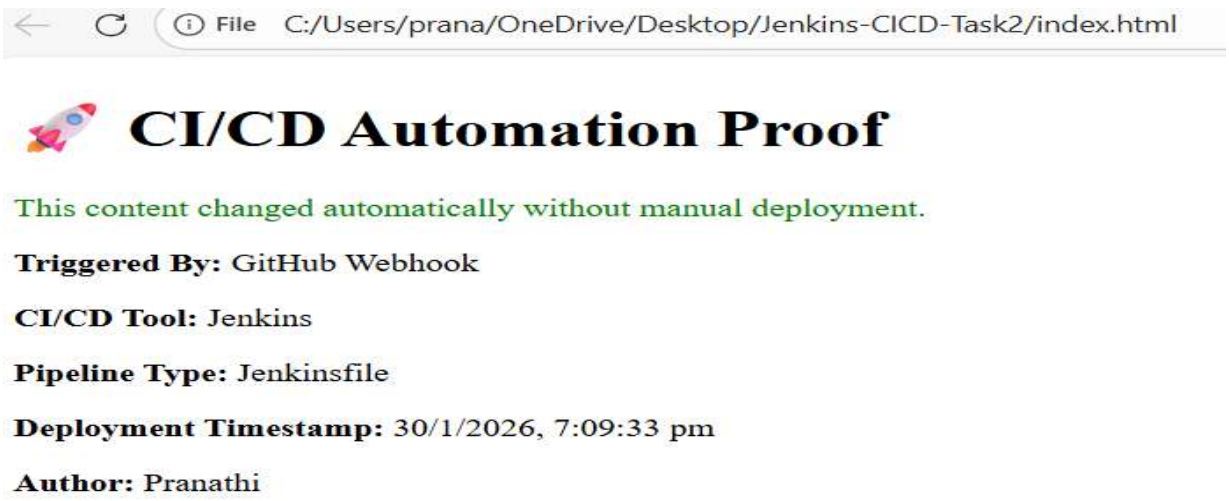
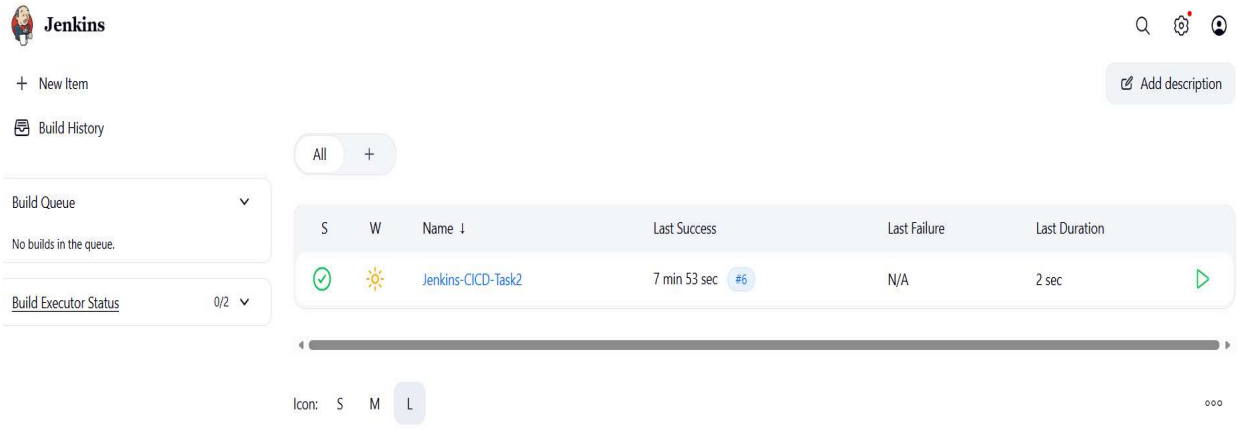
BUILD NOW IN JENKINS



AUTOMATIC DEPLOYMENT AFTER BUILD NOW



AGAIN TESTED



TESTED FOR MULTIPLE TIMES TO ENSURE AUTOMATION