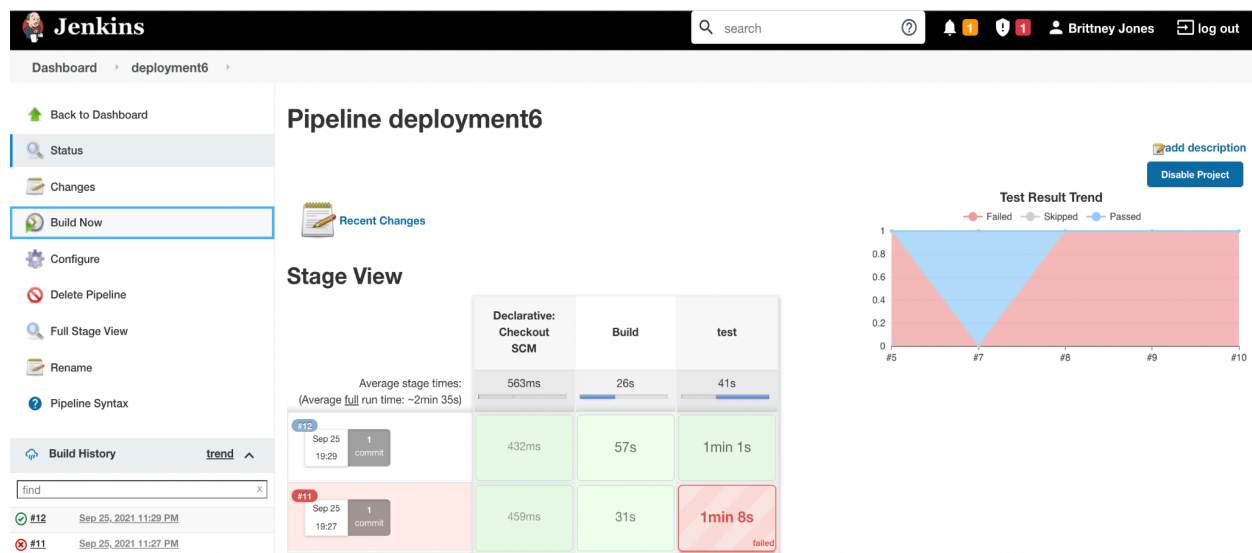


Objective: To deploy and test a React application on a Jenkins agent

Issues:

1. The remote root directory of the agents had to be '/home/ubuntu/jenkins' since they were ubuntu servers
2. I had to add a '&' to the serve -s build command in the Jenkinsfile in order for the build to run in the background.
3. In the github repo you couldn't have the 'kura-test-repo' directory because Jenkins would not be able to find the necessary files for the build because of the extra layer of directory.
4. Changed the host IP address for the two agents from their public IPs to their private IPs since they are in the same VPC network in AWS.
5. The usage of agent 1 had to be 'use this node as much as possible' since the react application was being built on agent 1 and had to be running in the background and the usage for agent 2 had to be 'Only build jobs with label expressions matching this node' since we were only testing the react application on agent 2

Screenshot of failed and passed test:



I was able to find the video that cypress created in the '/jenkins/workspace/deployment6/cypress/videos' directory in the third EC2 I had, which was the jenkins agent we were testing on. Since I didn't know what type of file I was looking for I just went through the directories level by level. Next time I would use the 'locate *.mp4' command and that gave me the path to the file or some type of regex to be more efficient. However, I did not find anything in the screenshots directory of cypress.