






DOCKER


 Jenkins

Dashboard > Manage Jenkins > Credentials

Credentials

T	P	Store	Domain	ID	Name
		System	(global)	github_seccred	jothi1812/*****
		System	(global)	docker	jothi1811/*****

Stores scoped to Jenkins

P	Store	Domains
	System	(global)

Icon: S M **L**

```
pipeline {
  agent any
  tools {
    jdk 'jdk17'
    nodejs 'node20'
  }

  stages {
    stage('Clean Workspace') {
      steps {
        script {
          echo "Cleaning workspace..."
          deleteDir() // Deletes everything in the Jenkins workspace before starting
        }
      }
    }
  }

  stage('Git Checkout') {
    steps {
      script {
        git branch: 'main',
        credentialsId: 'github_seccred',
        url: 'https://github.com/jothi1812/Docker_Config_jenkins.git'
      }
    }
  }

  stage('Install Node') {
```

DOCKER

```
steps {
  script {
    sh '''
      if [ -f package.json ]; then
        echo "package.json found. Running npm install..."
        npm install
      else
        echo "ERROR: package.json is missing. Skipping npm install."
        exit 1
      fi
    '''
  }
}

stage('Docker Build & Push') {
  steps {
    script {
      withDockerRegistry(credentialsId: 'docker', toolName: 'docker') {
        def imageName = "jothi1811/devops"
        def tag = "latest"

        sh "docker build -t ${imageName} ."
        sh "docker tag ${imageName} ${imageName}:${tag}"
        sh "docker push ${imageName}:${tag}"
      }
    }
  }
}

stage('Deploy Docker Container') {
  steps {
    script {
      // Stop and remove the existing container if it's running
      sh "docker stop jusjes_container || true"
      sh "docker rm jusjes_container || true"

      // Run the new container
      sh "docker run -d --name jusjes_container -p 3001:3000 jothi1811/devops:latest"
    }
  }
}
```

DOCKER

Jenkins

Dashboard

>

docker

>

Status

</> Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Stages

Rename

Pipeline Syntax

docker

Add description

Stage View

Average stage times:
(full run time: ~3min 43s)

22:27

No Changes

Declarative: Tool Install	Clean Workspace	Git Checkout	Install Node	Docker Build & Push	Deploy Docker Container
210ms	835ms	4s	47s	2min 48s	1s

Permalink

Builds

No builds

Today

#9 10:27 PM

localhost:8080

Google Gmail YouTube Maps Get Into PC - D... Chrome Web S... MATLAB KEC Google Scholar CSS Reference Python Funda... Learn Java | Co... Human Resour... AICTE - SLA AS...

Jenkins

Dashboard

New Item

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

0/2

All

+

S	W	Name	Last Success	Last Failure	Last Duration
✓	☀	docker	12 min #9	N/A	3 min 43 sec
✓	☀	niginxapp pipeline	5 hr 1 min #3	N/A	24 sec

Icon: S M L

Add description

DOCKER

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