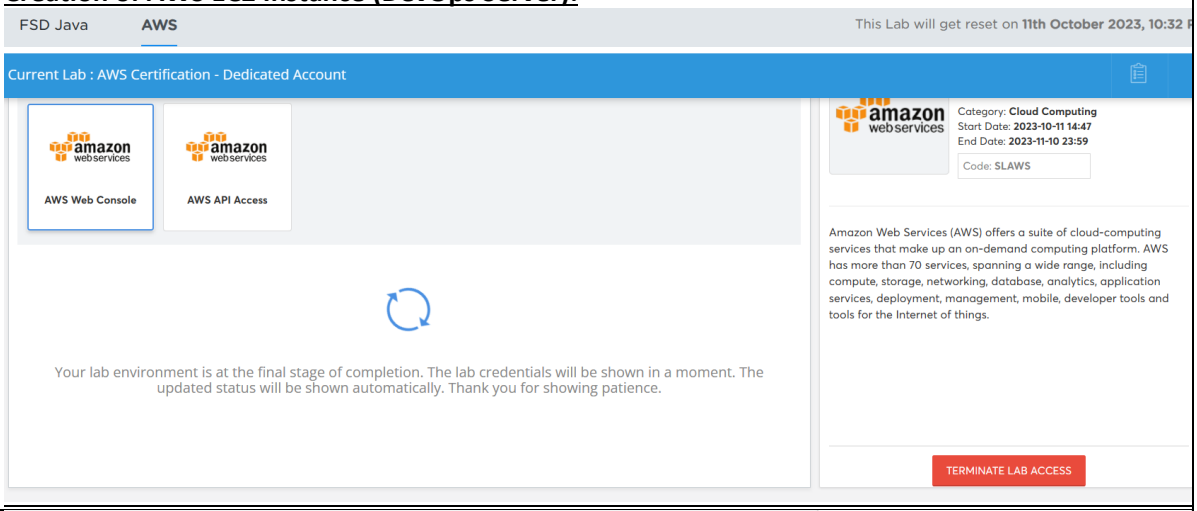
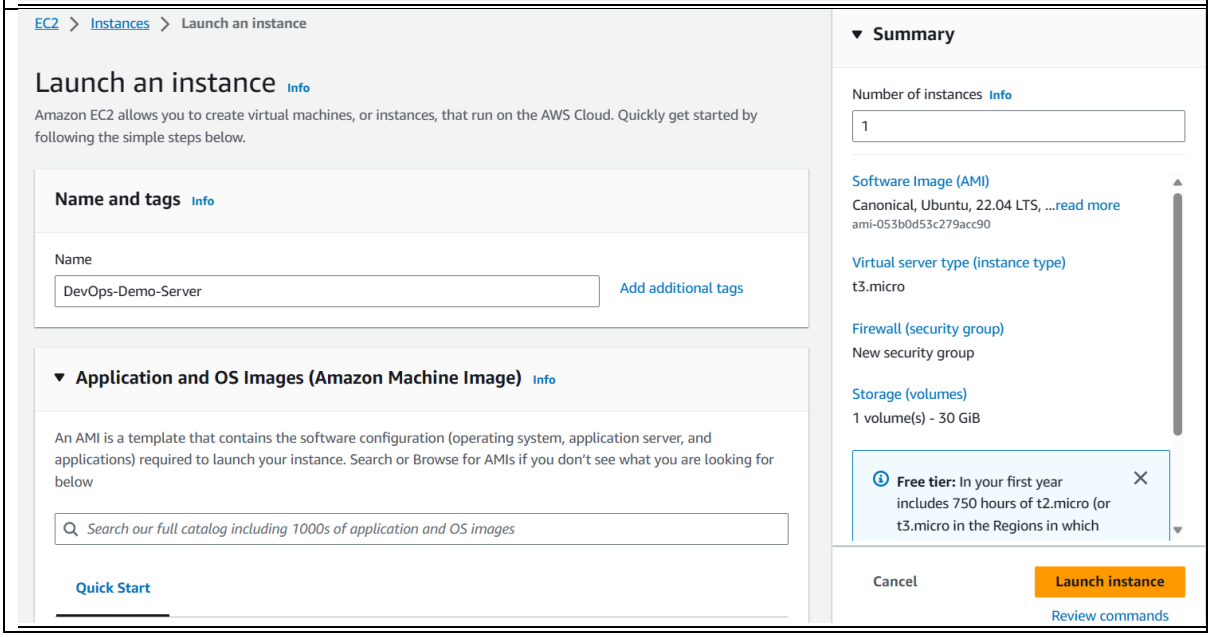
SimpliLearn-DevOps-Project
CI/CD Deployment for Springboot Application

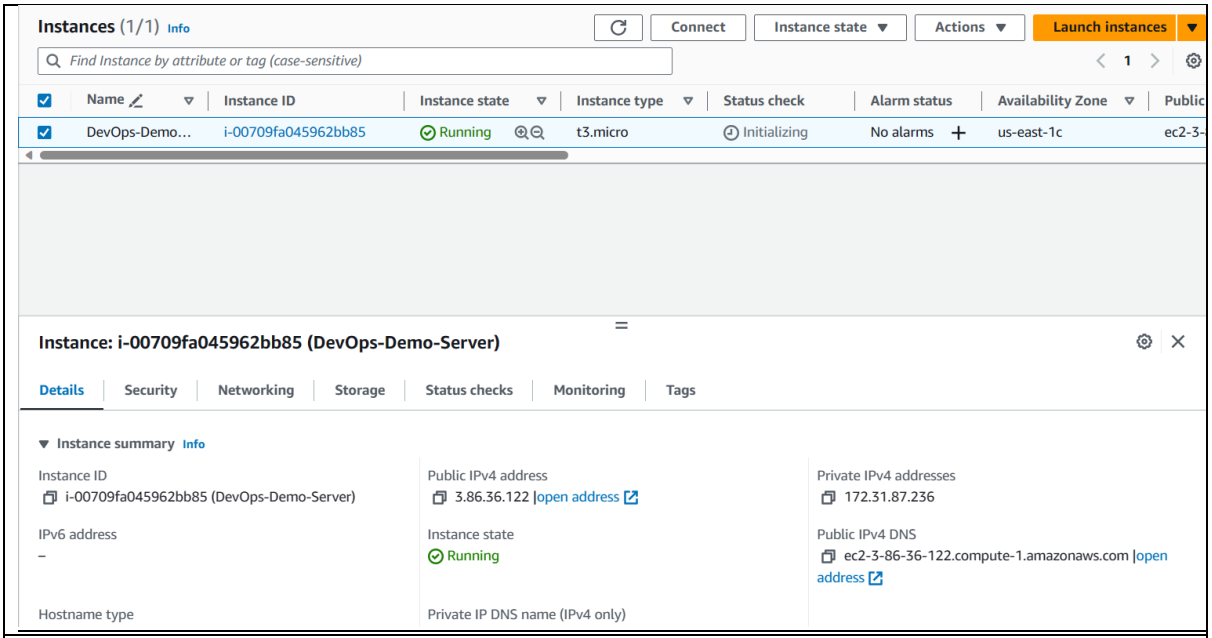
Submitted by: KAVIN K R

Date of submission : 11-10-2023
GitHub Project Repository URL : [GitHub Link]

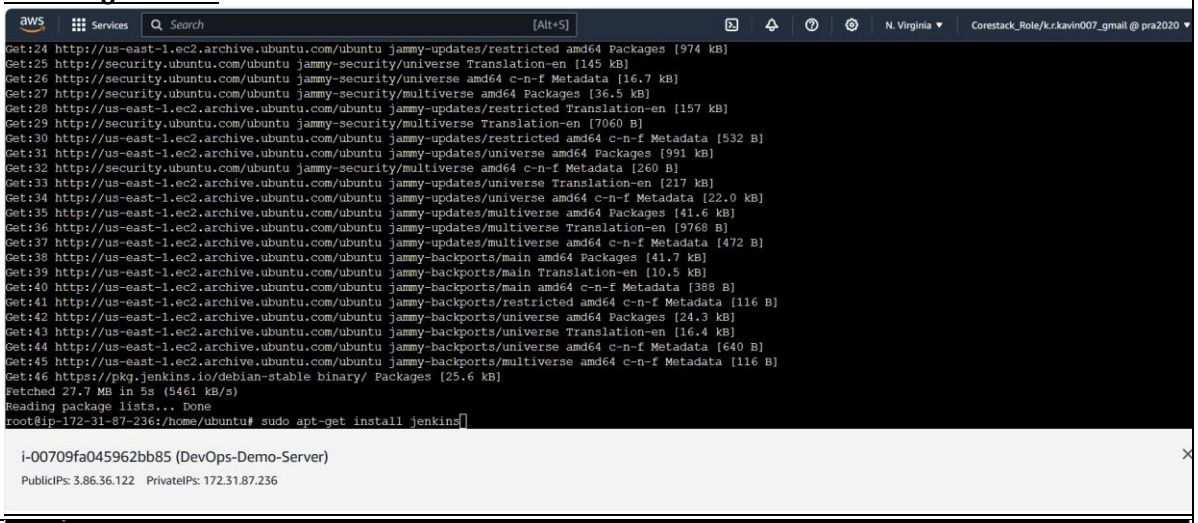
Creation of AWS EC2 Instance (DevOps Server):

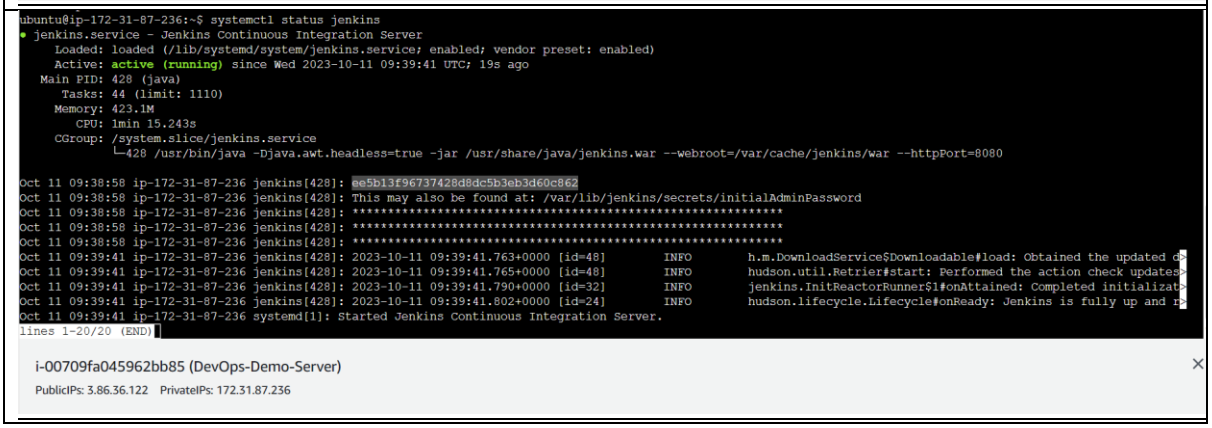


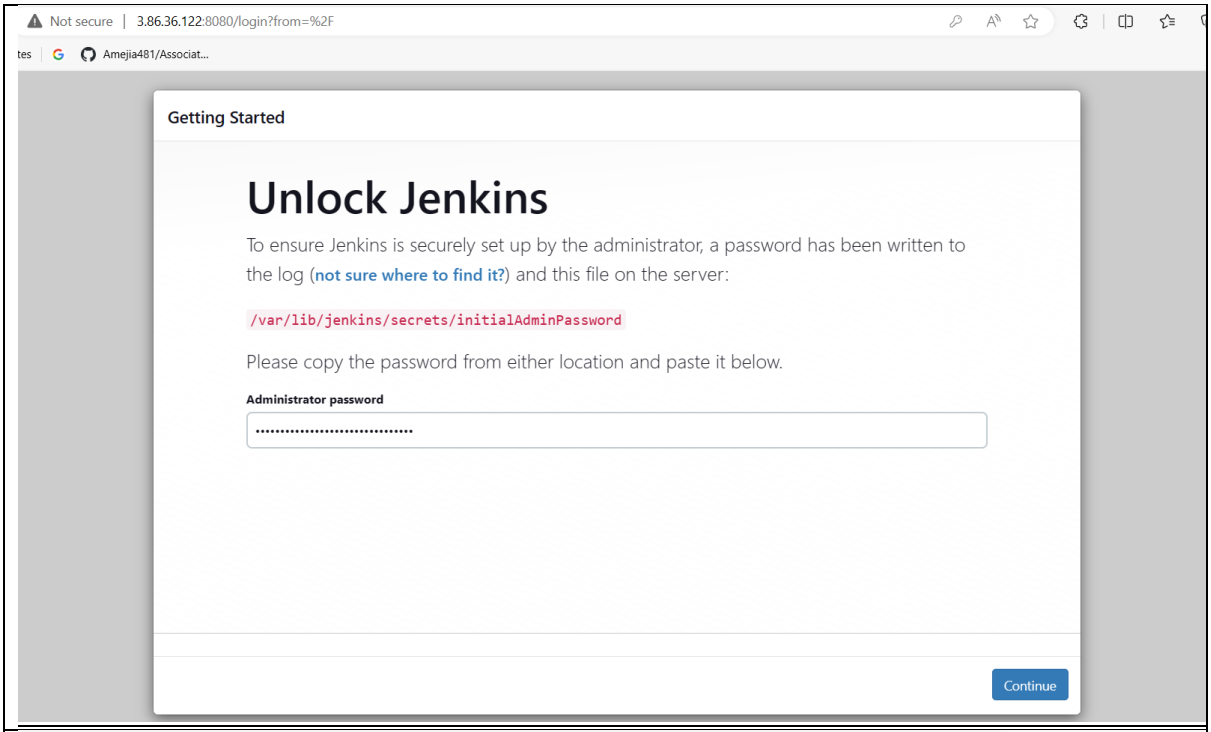


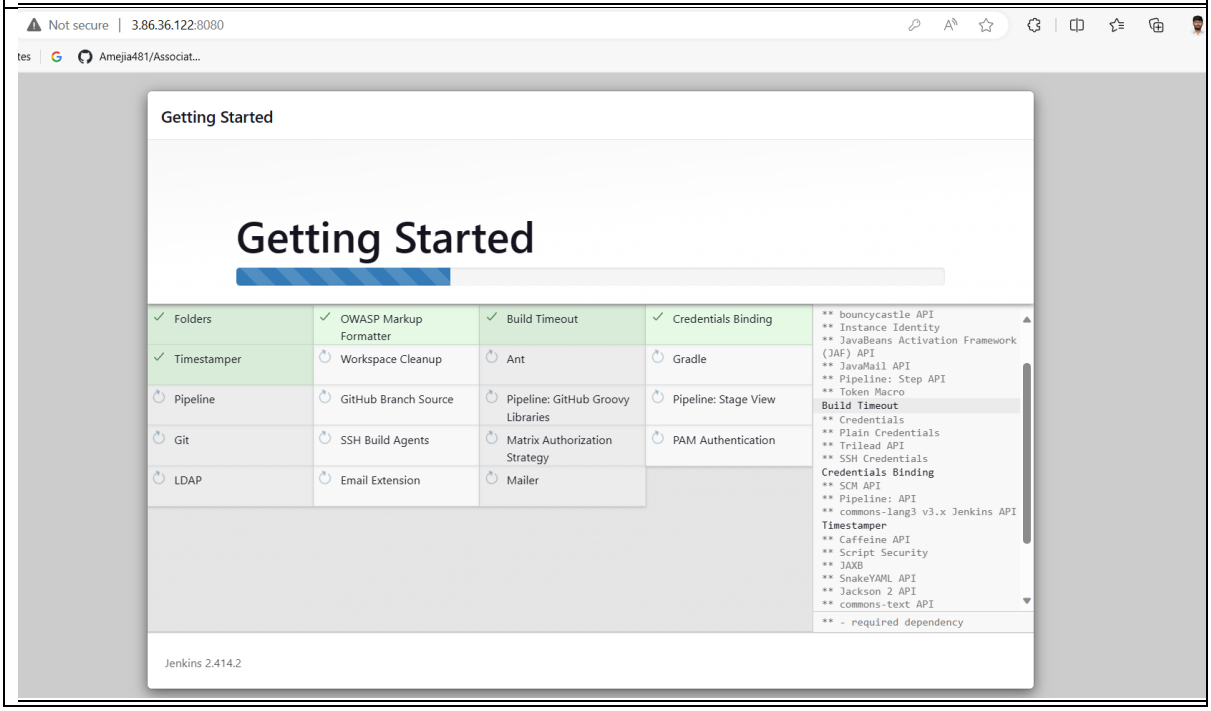


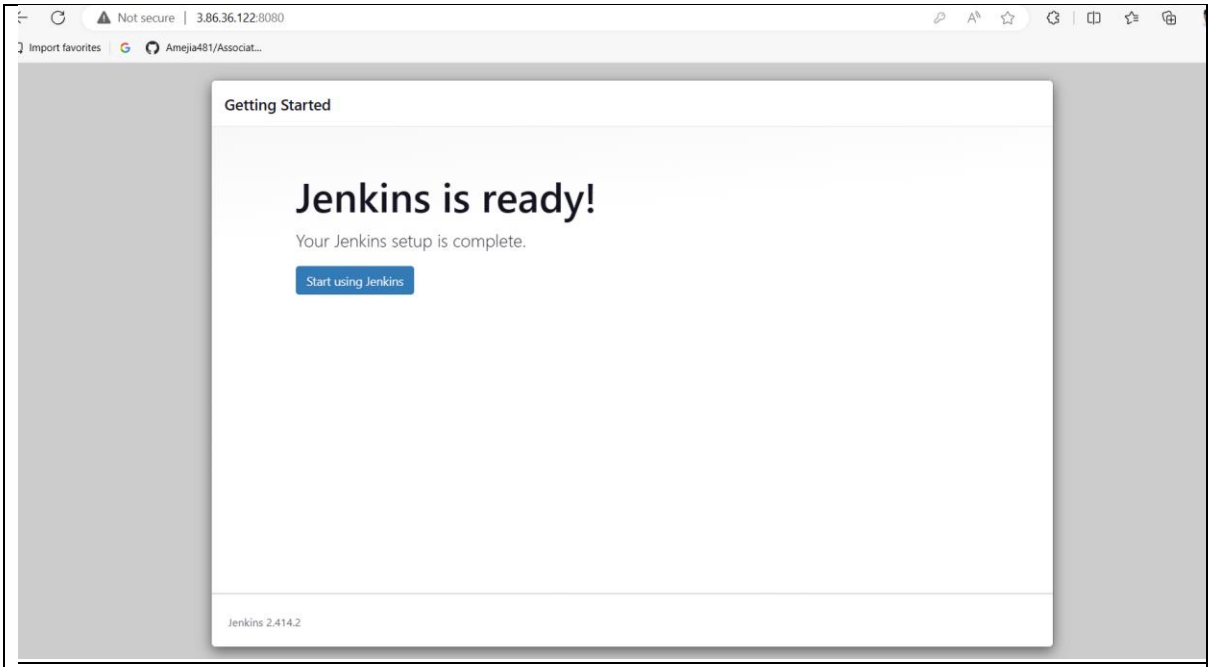
Installing Jenkins:

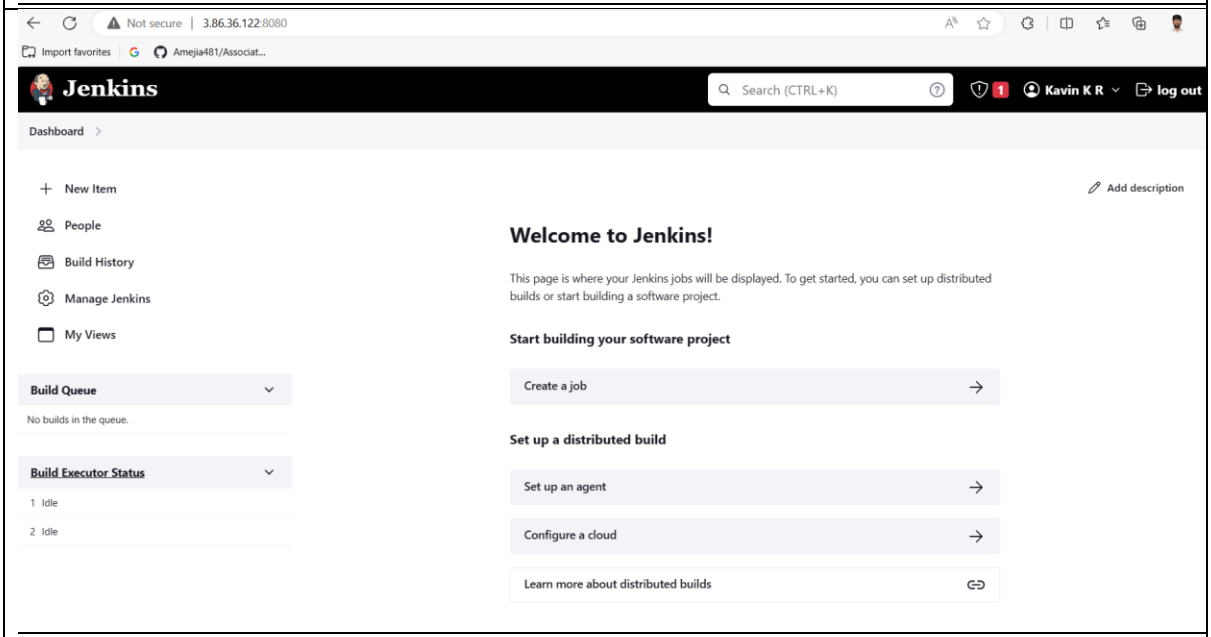




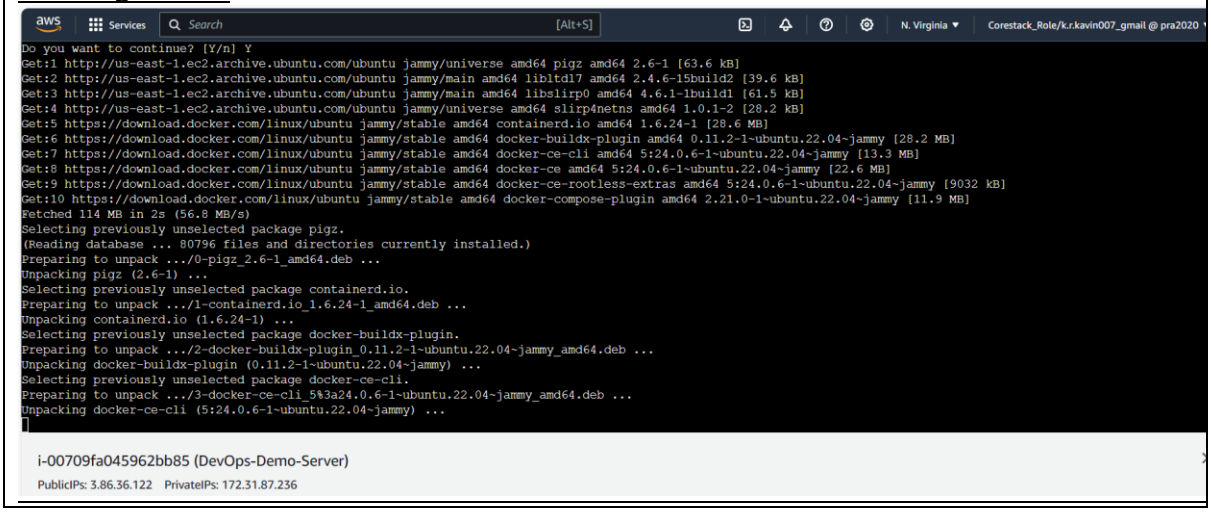

Not secure | 3.86.36.122:8080/login?from=%2F
Amejia481/Associat...
Getting Started
Unlock Jenkins
To ensure Jenkins is securely set up by the administrator, a password has been written to the log (not sure where to find it?) and this file on the server:
/var/lib/jenkins/secrets/initialAdminPassword
Please copy the password from either location and paste it below.
Administrator password
Continue

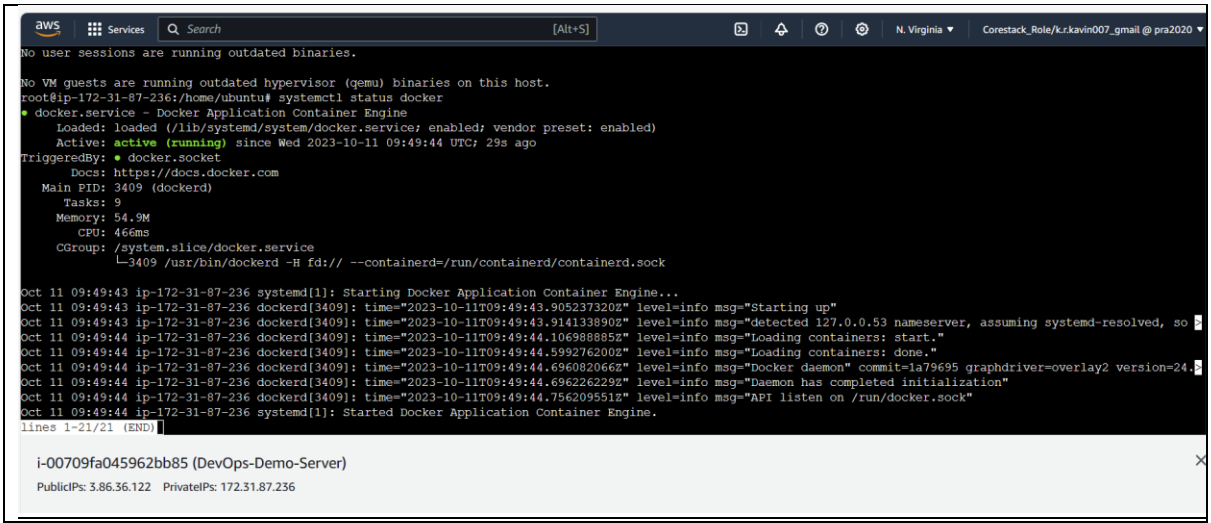

Not secure | 3.86.36.122:8080
Amejia481/Associat...
Getting Started
Getting Started
Folders
OWASP Markup Formatter
Build Timeout
Credentials Binding
Timestamper
Workspace Cleanup
Ant
Gradle
Pipeline
GitHub Branch Source
Pipeline: GitHub Groovy Libraries
Pipeline: Stage View
Git
SSH Build Agents
Matrix Authorization Strategy
PAM Authentication
LDAP
Email Extension
Mailer
** bouncycastle API
** Instance Identity
** JavaBeans Activation Framework (JAF) API
** JavaMail API
** Pipeline: Step API
** Token Macro
Build Timeout
** Credentials
** Plain Credentials
** Trilead API
** SSH Credentials
Credentials Binding
** SCM API
** Pipeline: API
** commons-lang3 v3.x Jenkins API
Timestamper
** Caffeine API
** Script Security
** JAXB
** SnakeYAML API
** Jackson 2 API
** commons-text API
** - required dependency
Jenkins 2.414.2



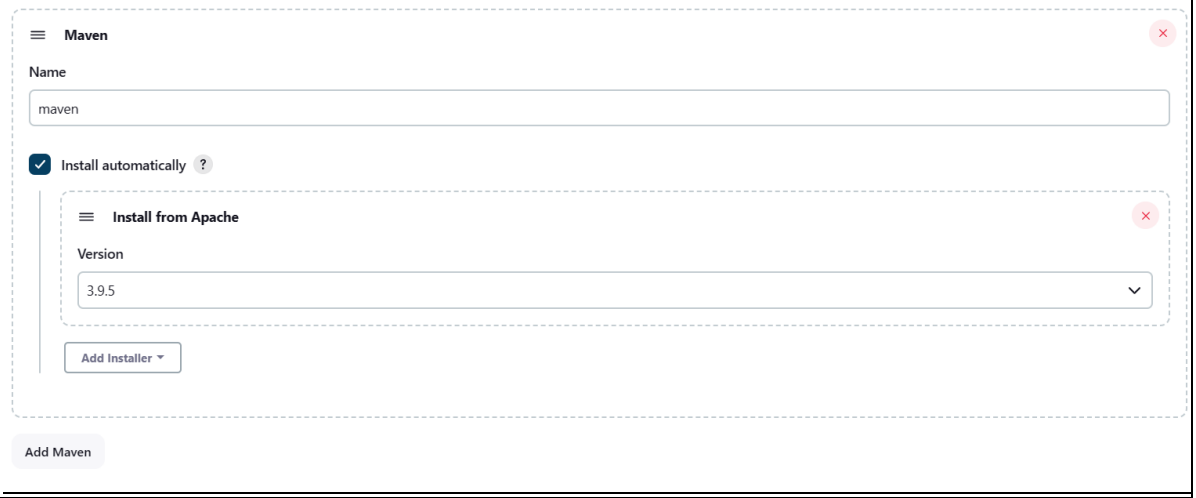


Installing Docker:

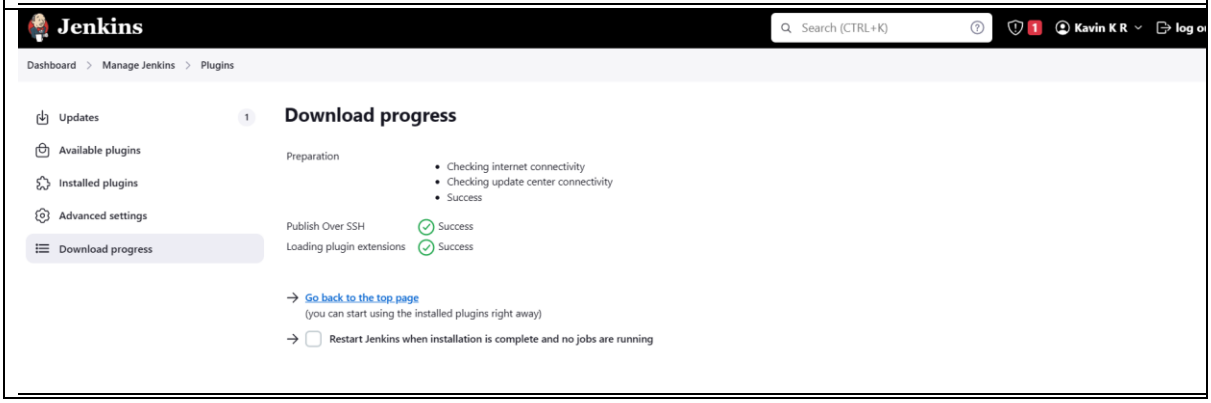




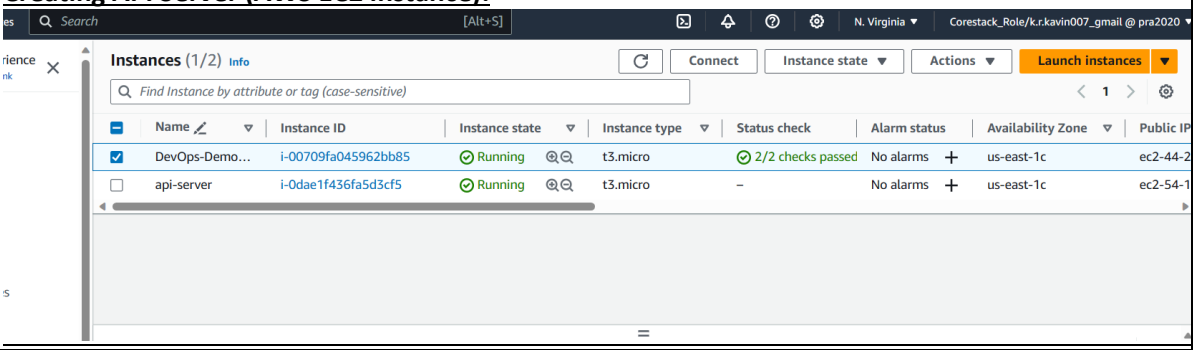
Configuring maven in Jenkins:



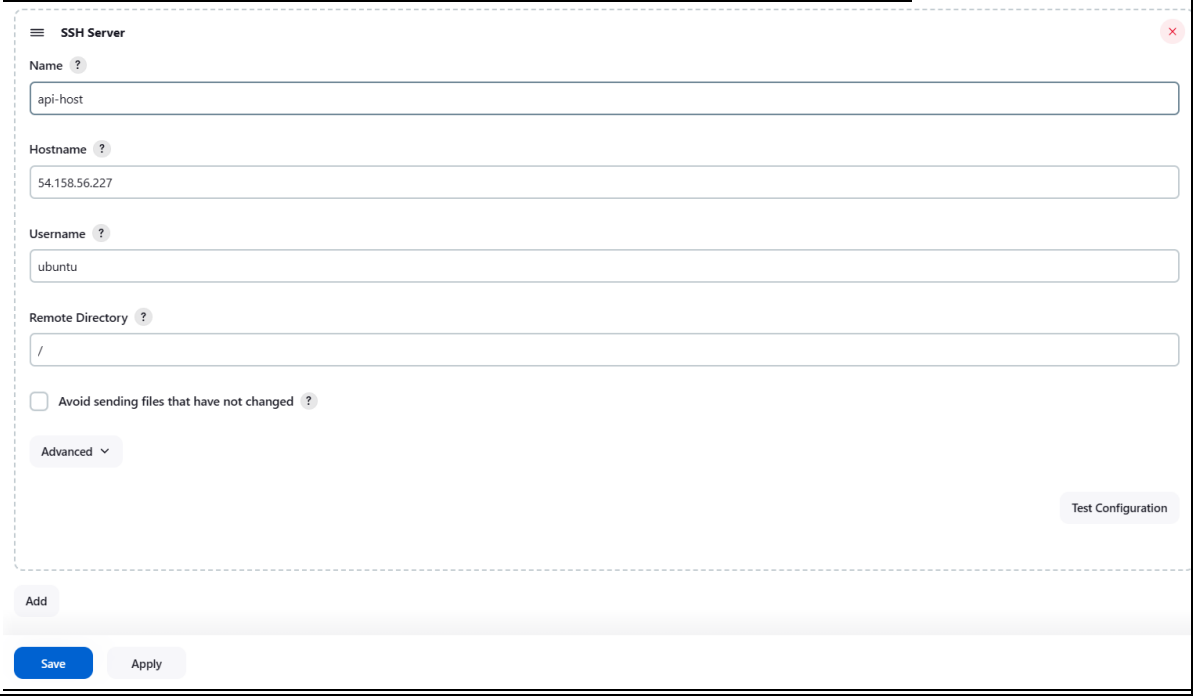
Installing SSH plugin in Jenkins:



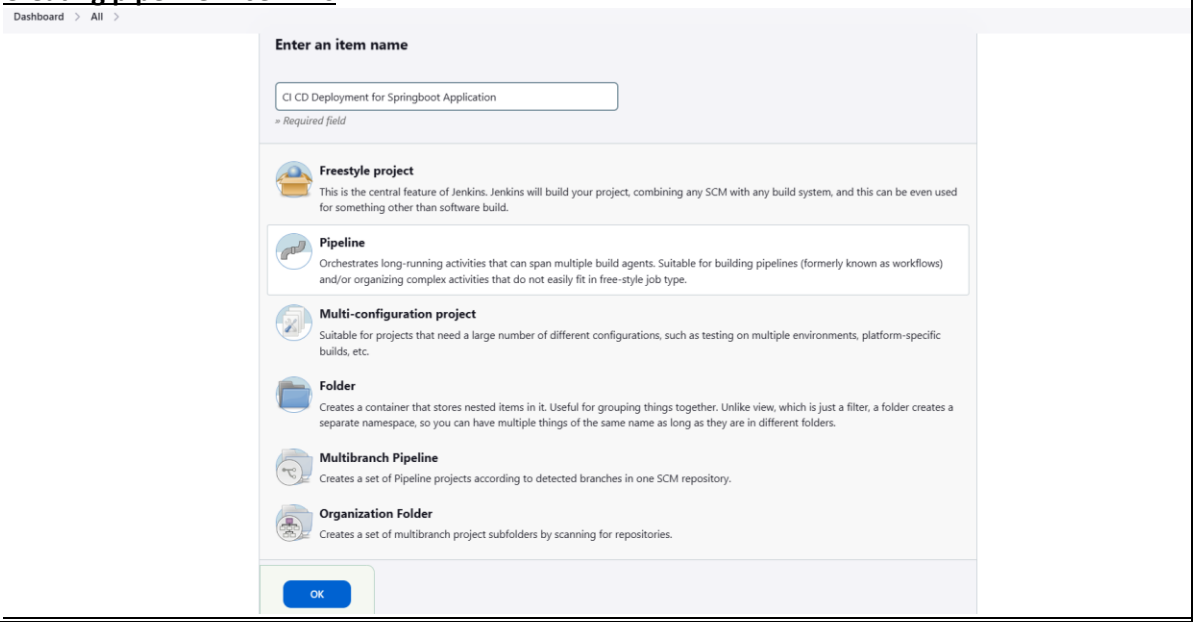
Creating API Server (AWS EC2 instance):



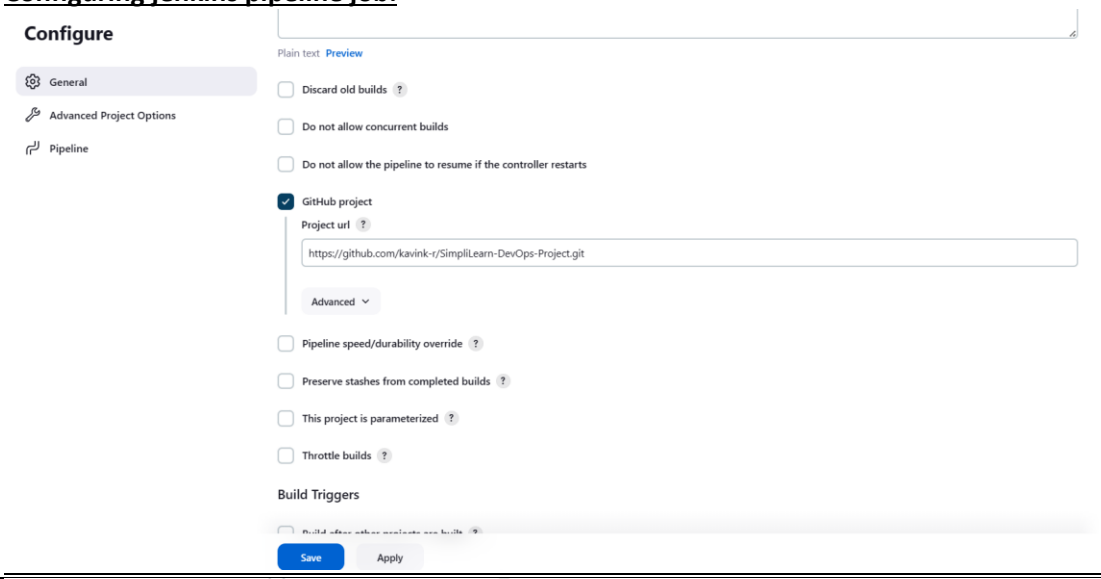
Adding SSH configuration of api server in Jenkins running in devops server:

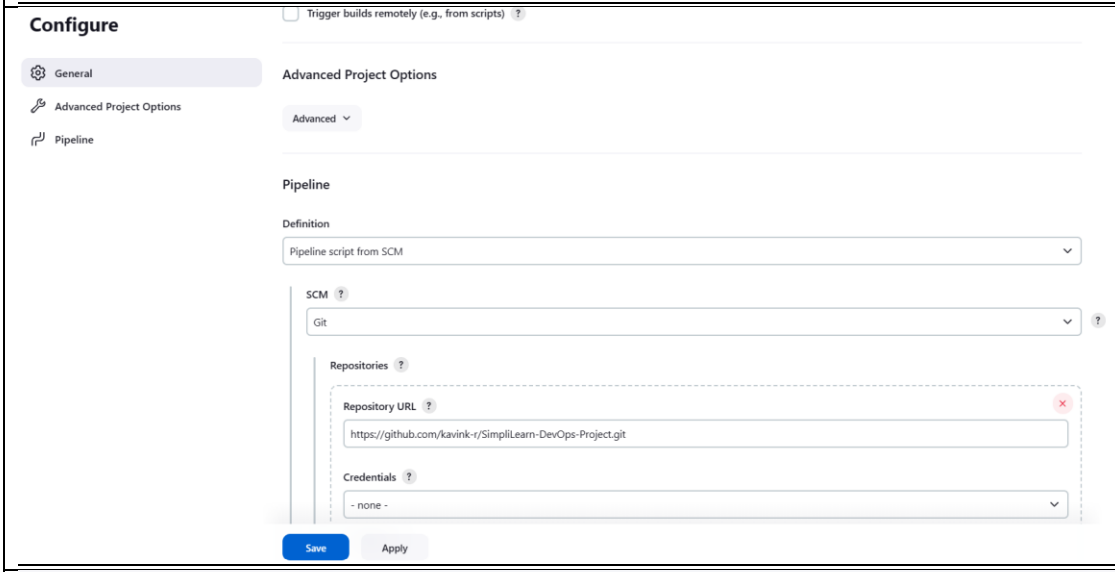


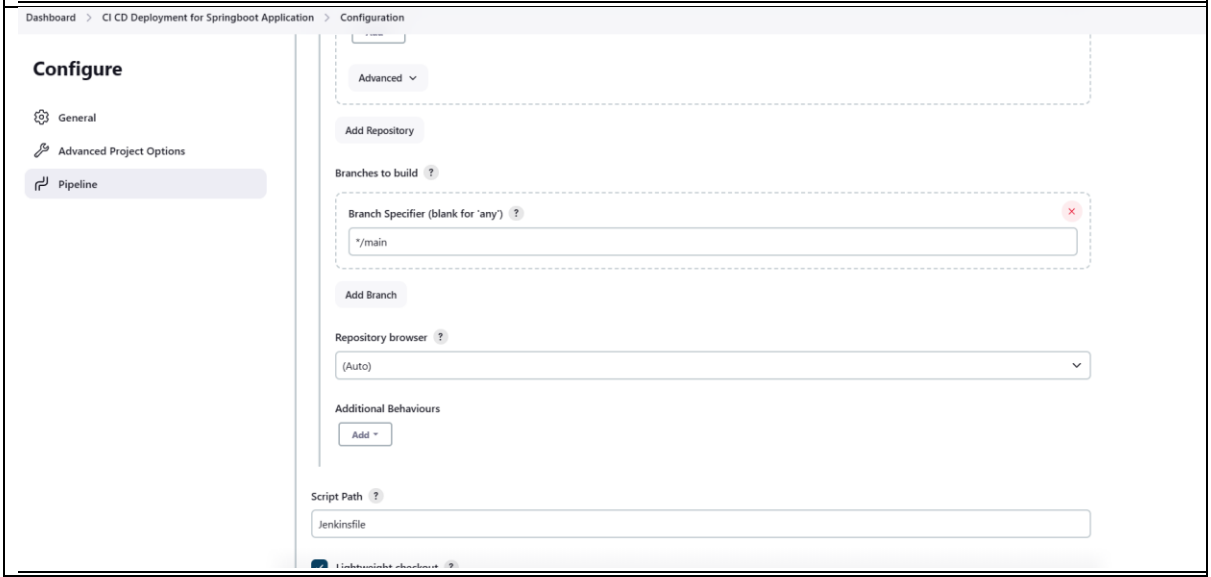
Creating pipeline in Jenkins



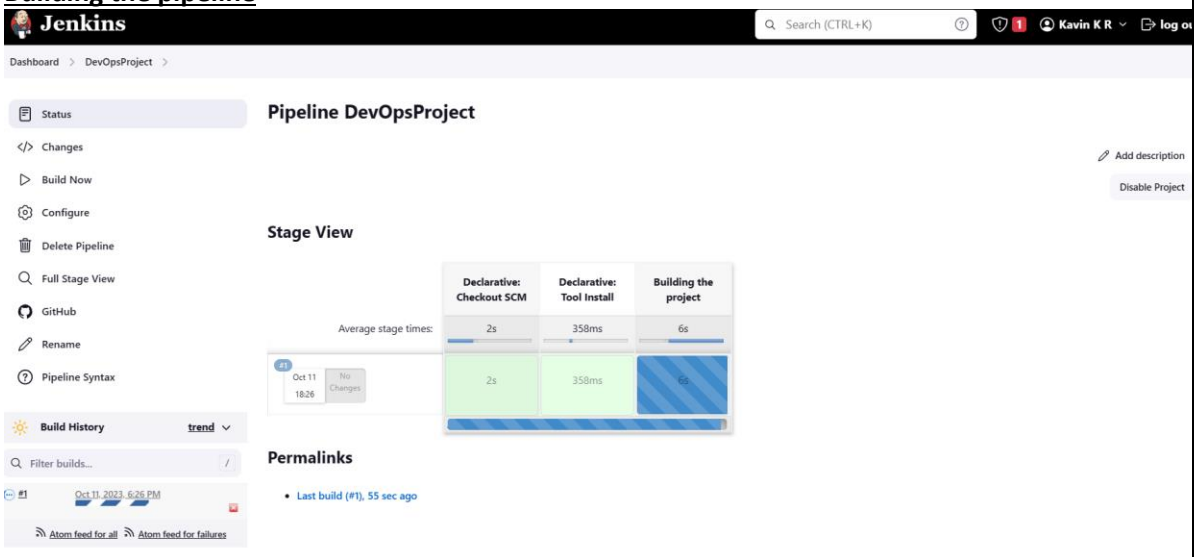
Configuring jenkins pipeline job:

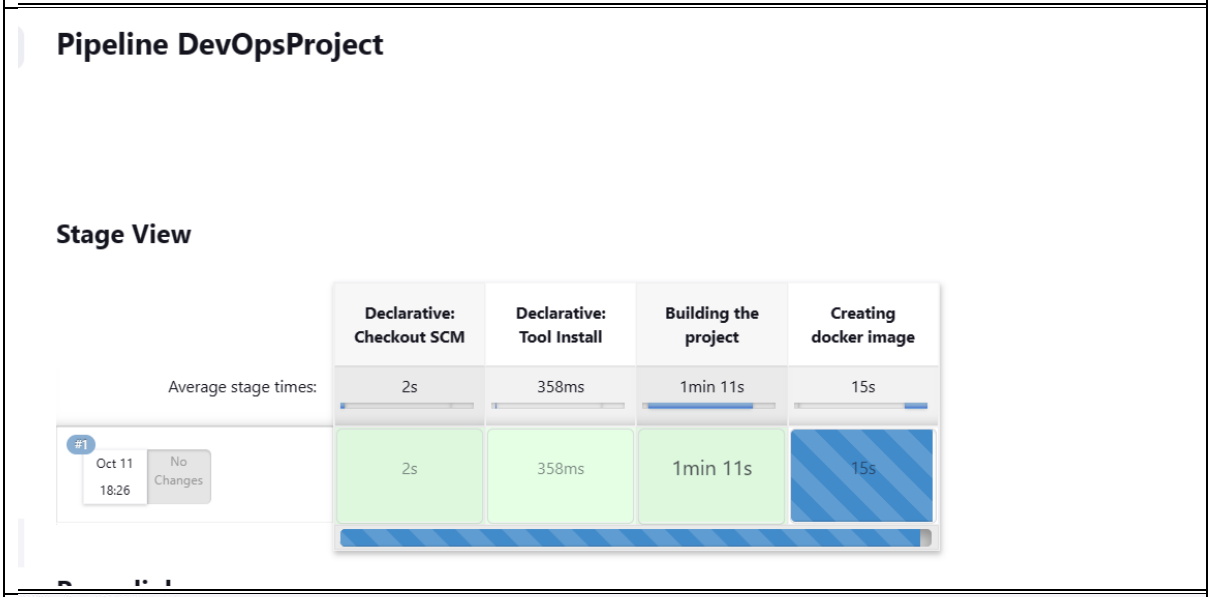


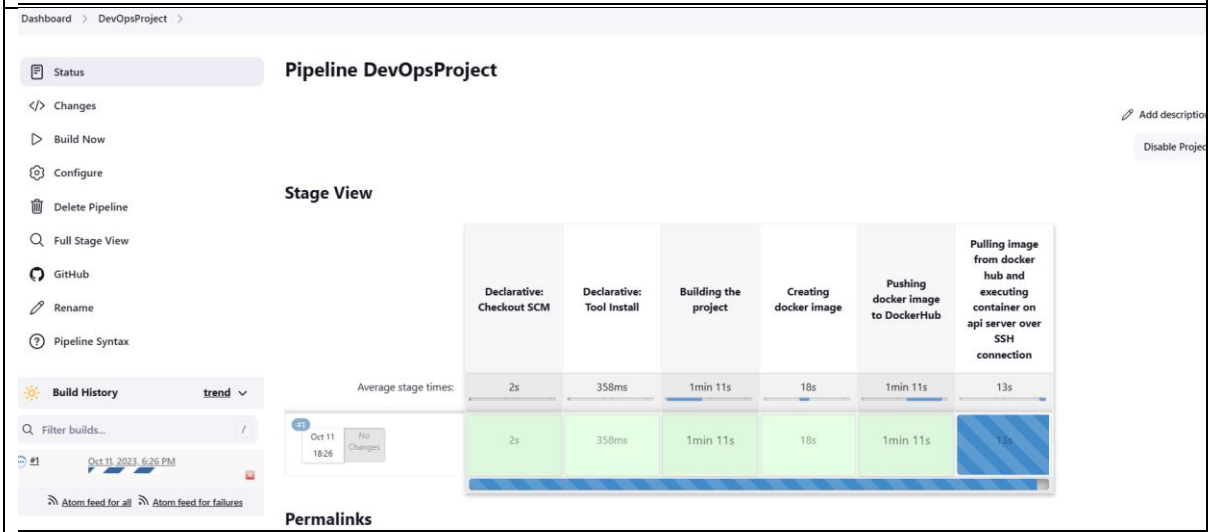




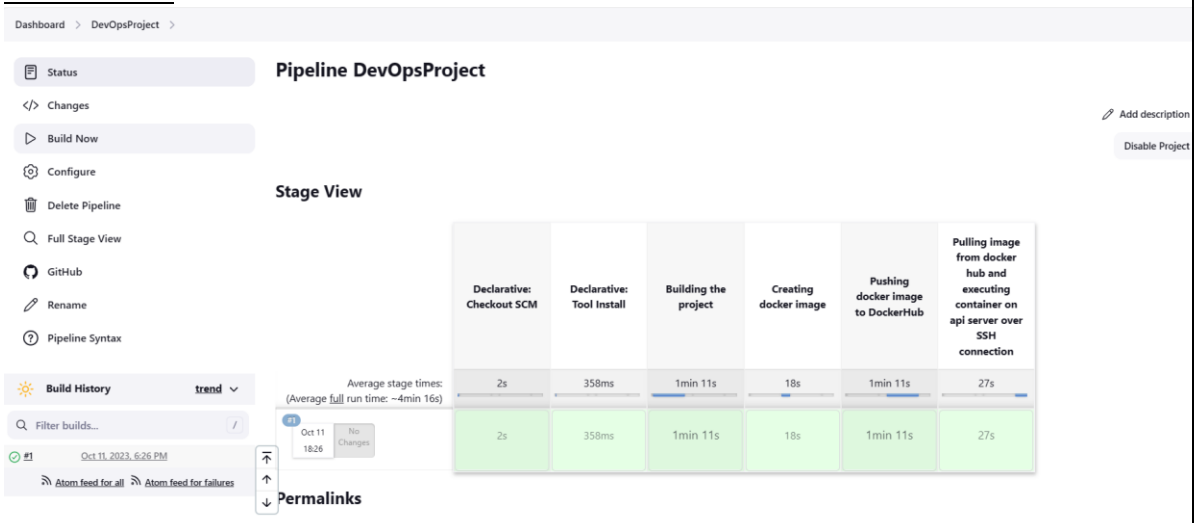
Building the pipeline



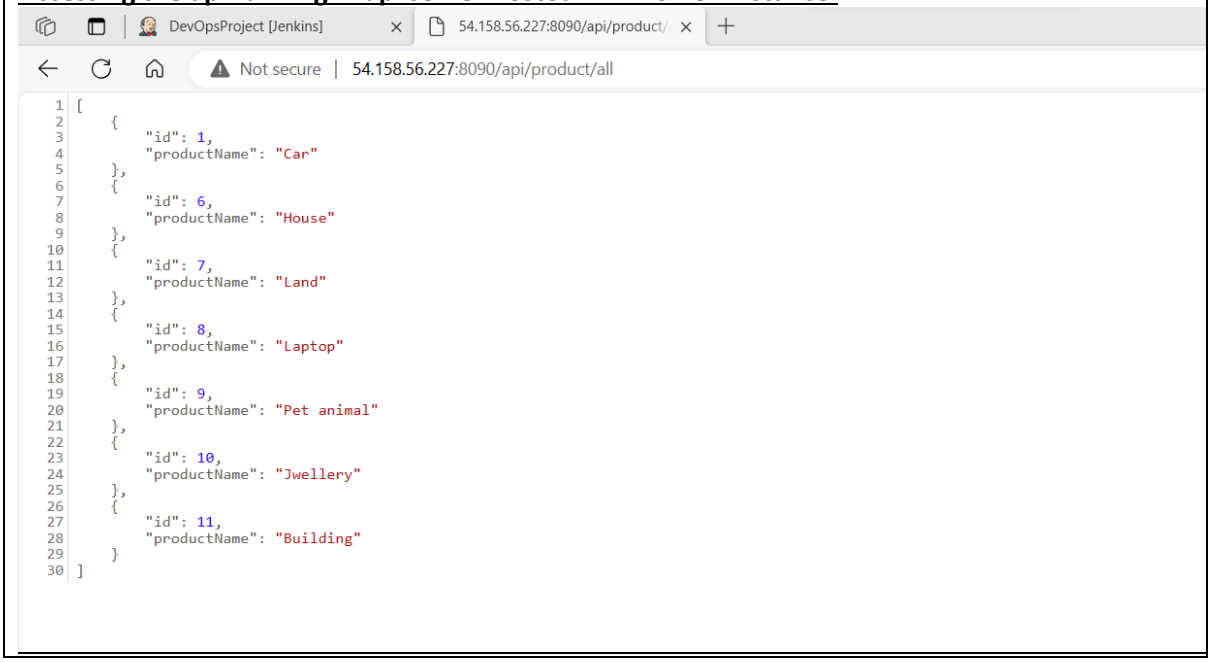




Build Success:



Accessing the api running in api server hosted in AWS EC2 instance:

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