**PRESS PORTAL**

* DIPRO Department of a District plays primary role to upload the news which are relates to Block level, Town / City level, District level, State level, National level and International level of a concerned District of a State and automatically all the news will be forwarded to concerned District DC.
* After that,
  + If news is related to concerned District than, concerned DC or Department takes necessary action on that news and gives the comments / remarks / action on that news.
  + If news is related to other District than, only that news which are forwarded to other District DC only that news will be seen in dashboard with their comments / remarks / action given by Department.
* A Dashboard will be made to see all the news will be seen their remarks or category wise filter like DC of a same District of a State, DC of other District of a State, Departments of a same District of a State, Department of other District of a State.

**Work Flow: -**



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**Dashboard: -**

A B(A) C(E+F+G) D OTHERS

Others

10

DC forward the news to other District DC 2

DC forward the news to concerned department 8

News forwarded to DC

20

Total News

20

E(E-G) F G (E-APPROVED BY DC)

Pending action taken by concerned department of a District 6

News Filed

1

Action taken by concerned department of a District 1

**Software & Hardware Requirement: -**

* **Software: -** Any Updated Web Browser
* **Hardware: -** Good speed of internet connectivity, Printer and Scanner

**Technology used: -**

* **Front End: -** JSP using Bootstrap 4
* **Back End: -** Servlet
* **Database: -** MySQL 8.0
* **JDK:** - 1.8
* **Tomcat Server:** - 9
* **Dynamic Web Module:** - 3.1
* **Jar Files:** - mysql-connector-j-8.0.32.jar, servlet-api.jar

**GitHub**

**Username:** Ankur2810garg

**Password:** Radha@2810

**URL:** https://github.com/Ankur2810garg/PressPortal.git

**Database Management**

**Query to create database:**

create database press;

**Query to use database:**

use press;

**Query to create table:**

create table dipro

(

id int(255) not null primary key,

newsdate Date not null,

filename varchar(255) not null,

filedata longblob not null,

remarks varchar(255) not null,

newspaper varchar(255) not null

);

ALTER TABLE dipro auto\_increment=1;

**Query to describe the table structure:**

desc dipro;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| id | int(255) | NO | PRI | NULL |  |
| newsdate | date | NO |  | NULL |  |
| filename | varchar(255) | NO |  | NULL |  |
| filedata | blob | NO |  | NULL |  |
| comment | varchar(255) | NO |  | NULL |  |
| newspaper | varchar(255) | NO |  | NULL |  |

**Query to create table:**

create table login

(

username varchar(255) not null,

password varchar(255) not null,

role varchar(255) not null,

district varchar(255) not null

);

**Query to describe the table structure:**

desc login;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| username | varchar(255) | NO |  | NULL |  |
| password | varchar(255) | NO |  | NULL |  |
| role | varchar(255) | NO |  | NULL |  |
| district | varchar(255) | NO |  | NULL |  |

**Query to insert username, password, role:**

insert into login values('admin','admin','admin','palwal');

insert into login values('dc','dc','dc','palwal');

insert into login values('adc','adc','adc','palwal');

insert into login values('ctm','ctm','ctm','palwal');

insert into login values('sp','sp','sp','palwal');

insert into login values('dio','dio','dio','palwal');

insert into login values('sdm','sdm','sdm','palwal');

insert into login values('dipro', 'dipro','dipro','palwal');

**Query to create table dc as clone table:**

create table dc like dipro;

**Insert the values from one table to another:**

insert into dc select \* from dipro;

**Add status column in dc table:**

alter table dc add column status varchar(255) not null;

**Update the status column values:**

update dc set status="open";

**Tomcat Server**

**Changes in Tomcat Server Configuration:**

1. Add the manager-script role under user name (C:\Program Files\Apache Software Foundation\Tomcat 9.0\conf).

<user username="root" password="root" roles="manager-gui,admin-gui,manager-script" />

1. Comment in the context file (C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps\manager\META-INF).

<!--<Valve className="org.apache.catalina.valves.RemoteAddrValve"

allow="127\.\d+\.\d+\.\d+|::1|0:0:0:0:0:0:0:1" />-->

**Run application inside STS:**

**Port:** 7085

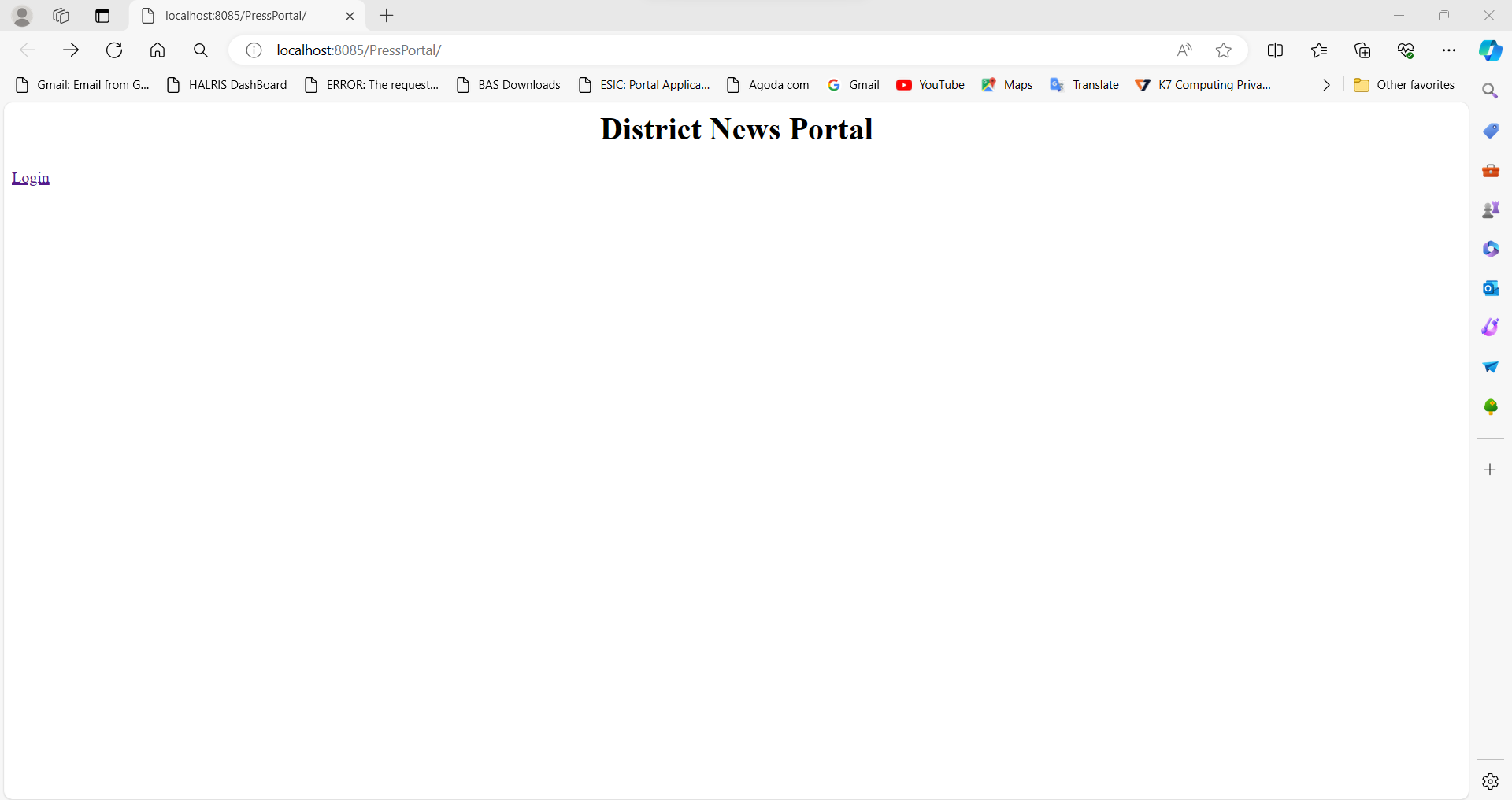
**Username:** root

**Password:** root

**Deploy web application manually:**

1. Install Tomcat Server in System and give the port no 8085 with username: root and password: root.
2. Make a war file of project and paste into C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps path.
3. Now run the application by giving the manual URL on browser.

**Port:** localhost:8085/PressPortal



**Jenkins**

**URL:** localhost:8080/

**User Name:** Ankur

**Password:** Radha@2810

**Manage Plugin:**

**Plugin:**

Install the following plugins:

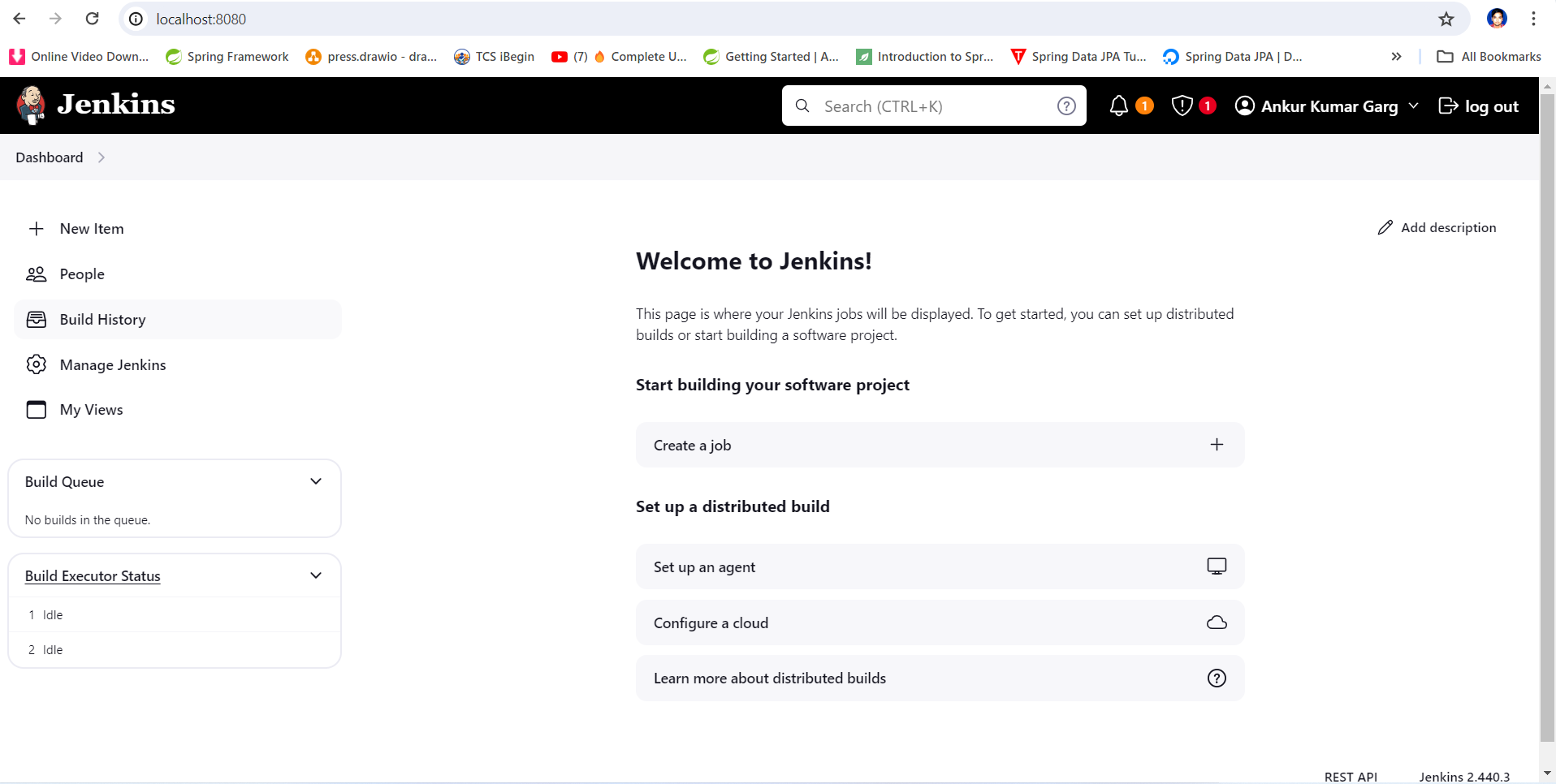
1. Deploy to Container
2. Maven

**Tools:**

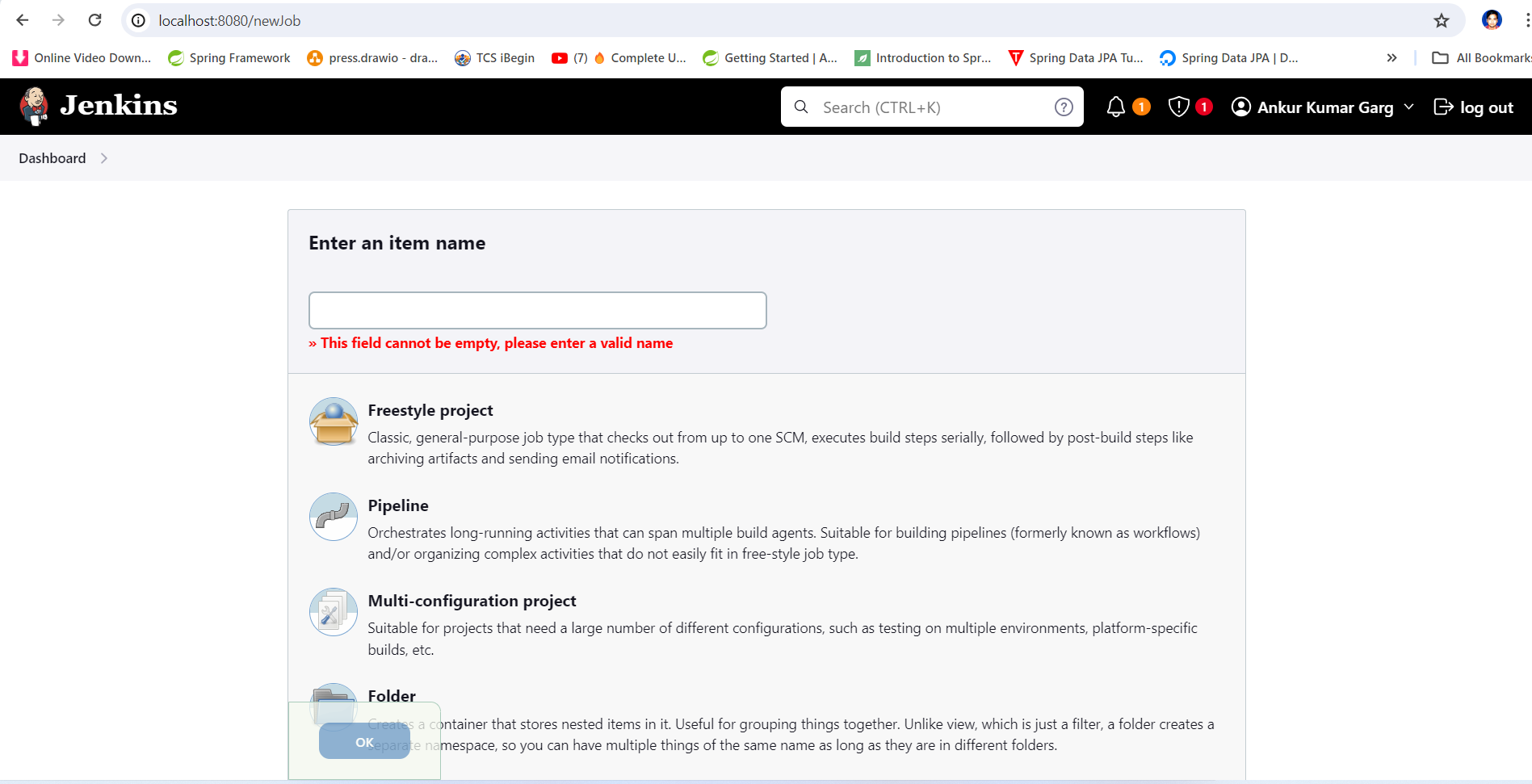
Set the path of following applications:

1. JDK11
2. Maven

When u logged in, the following screen will be appeared:

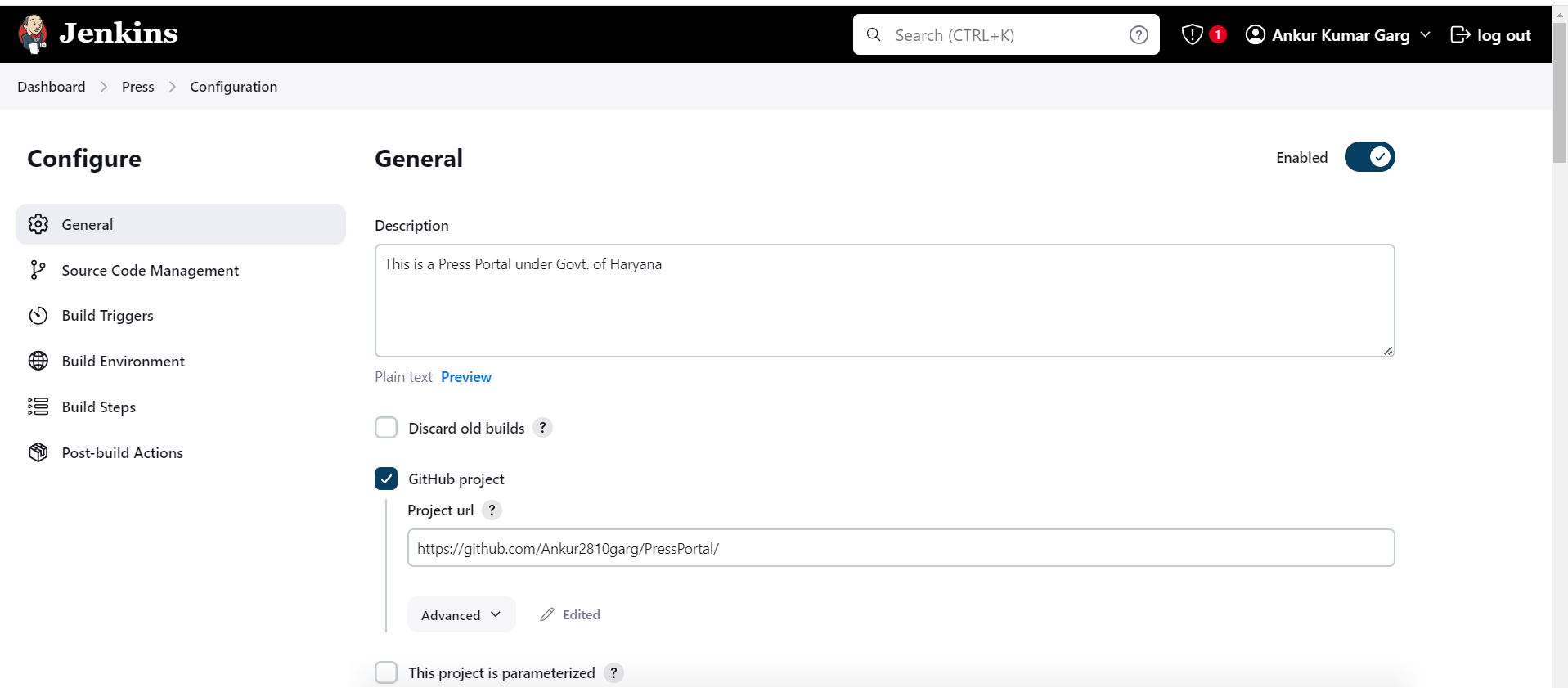


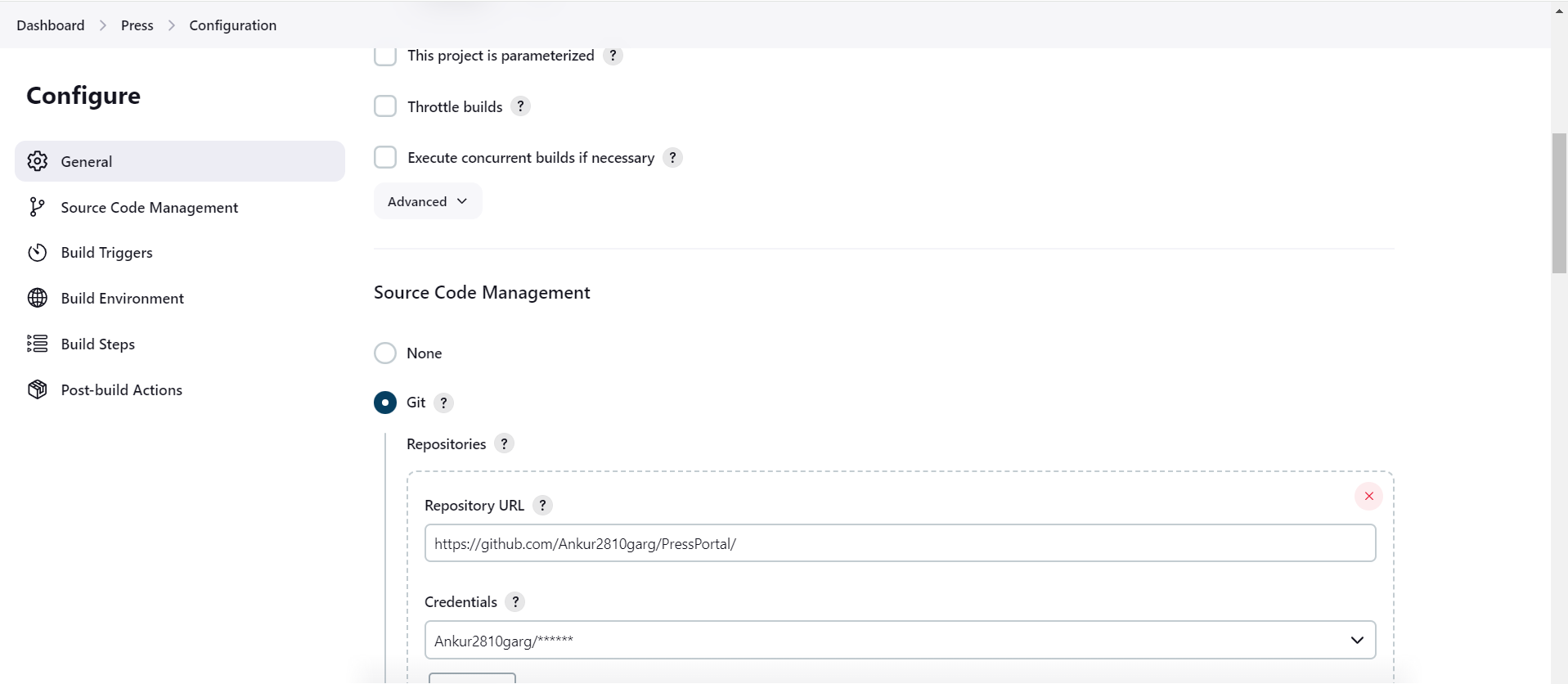
Now, click on create a job. After click, the following screen be appearing.

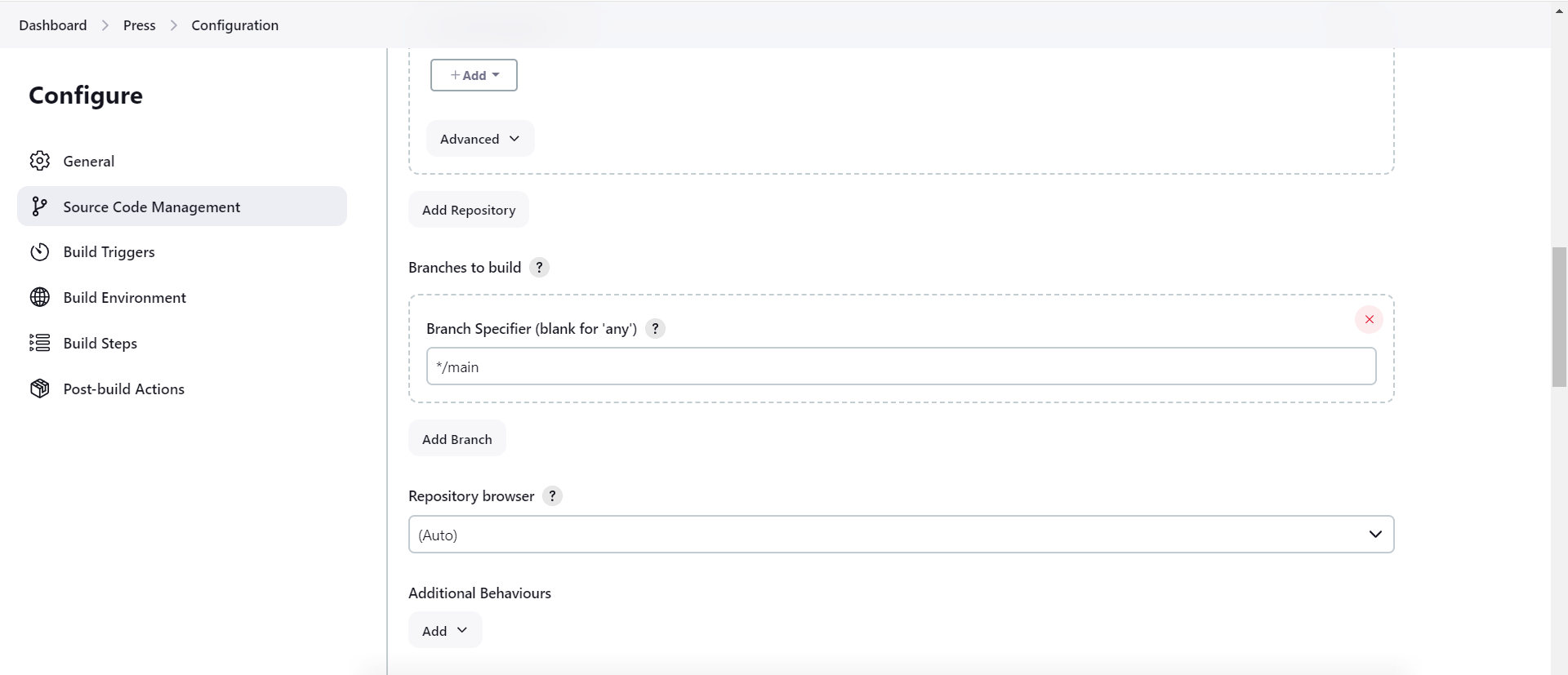


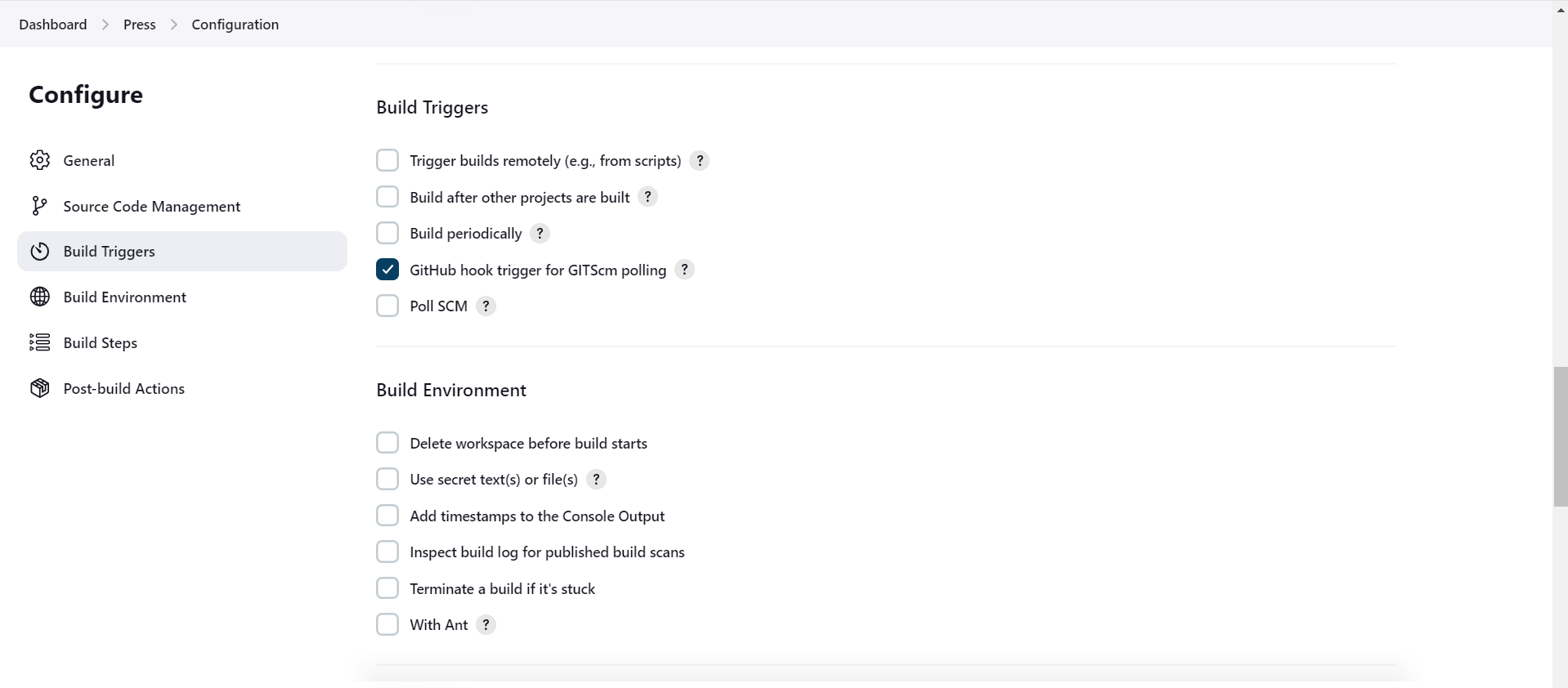
Give Item Name: Press and choose Project Type: Freestyle and click ok.

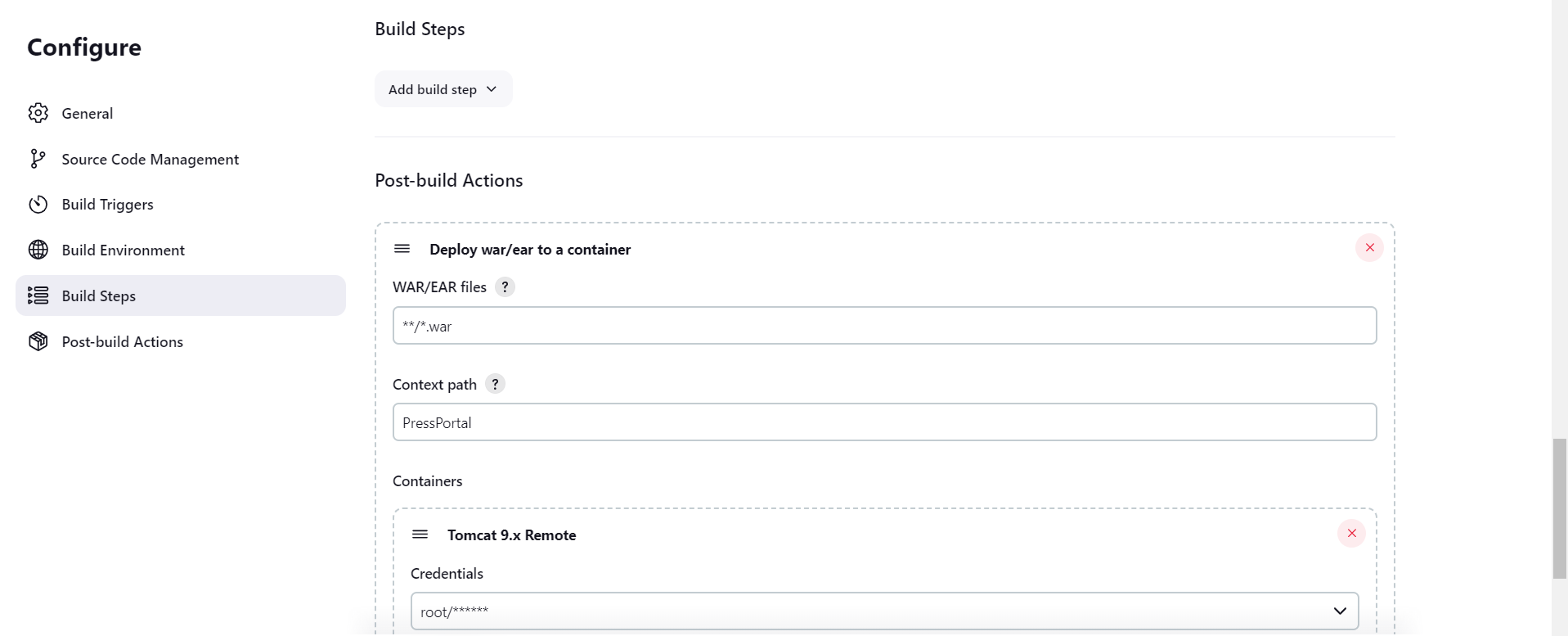
After that this page will be open.

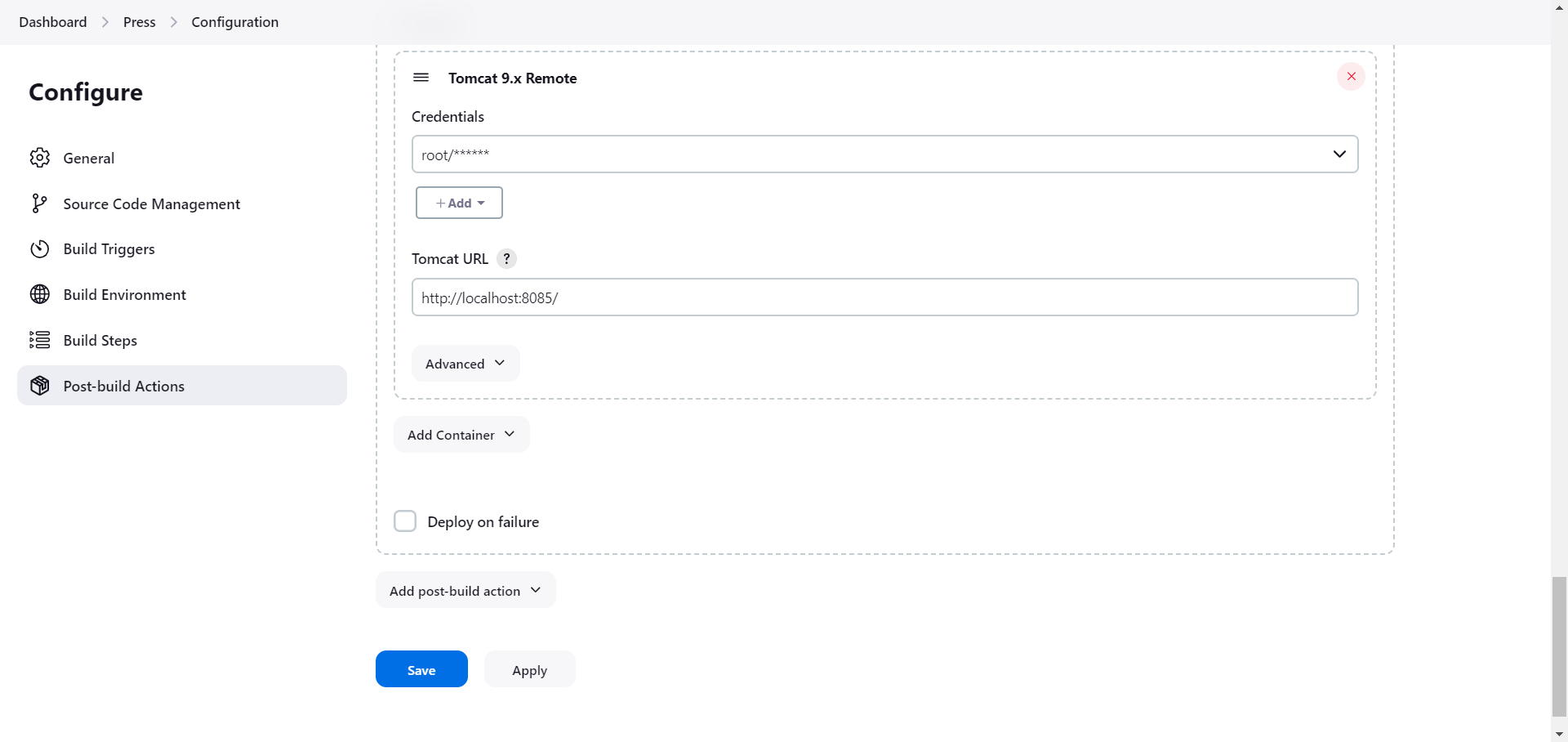












After that click on Build now. If success, then go to tomcat server and login into it and see the below screen otherwise go to the console output and resolve the errors.

