**Continuous Integration of a git project using jenkins**

**Step 1:** Push the project in github.

→ git init.

→ add all files of the project.

→ git commit with a message.

→ git push.

**Step 2:** start jenkins. Here I’ve done it in 8000 port.

→ go to usr/share/jenkins.

→ run jenkins.war file.

→ open browser and browse that specific port where jenkins runs.

→ log in to jenkins.

**Step 3:** make a github webhook.

→ go to repository settings.

→ select webhooks.

→ add webhook.

→ Paylood url as: <***public ip of jenkins server***>/github-webhooks/

→ Content type: ***application/json***

***→*** select ***just the push event***.

→ select Active.

→ Add webhook.

**Step 4:** configure jenkins job.

→ Create a FreeStyle Project

→ Configure as follow:

*General*:

select github project and give **Project Url**

*Source Code Management*:

select **Git**, give **Repository Url**, give **Credential**.

*Build Trigger*:

select **GitHub hook trigger for GITScm polling.**

Apply and Save.

**Step 5:** Now for every push **jenkins** will integrate the project automatically.