**Author: Mudassir Mohammed, Mohammed Faheemuddin (Video and Course from Technical Guftgu Youtube Channel)**

**CI/CD Pipeline:**

A person writing on a whiteboard

Description automatically generated

**Jenkins:**

A hand writing on a whiteboard

Description automatically generated

A close-up of a paper

Description automatically generated

**Jenkins Workflow:**

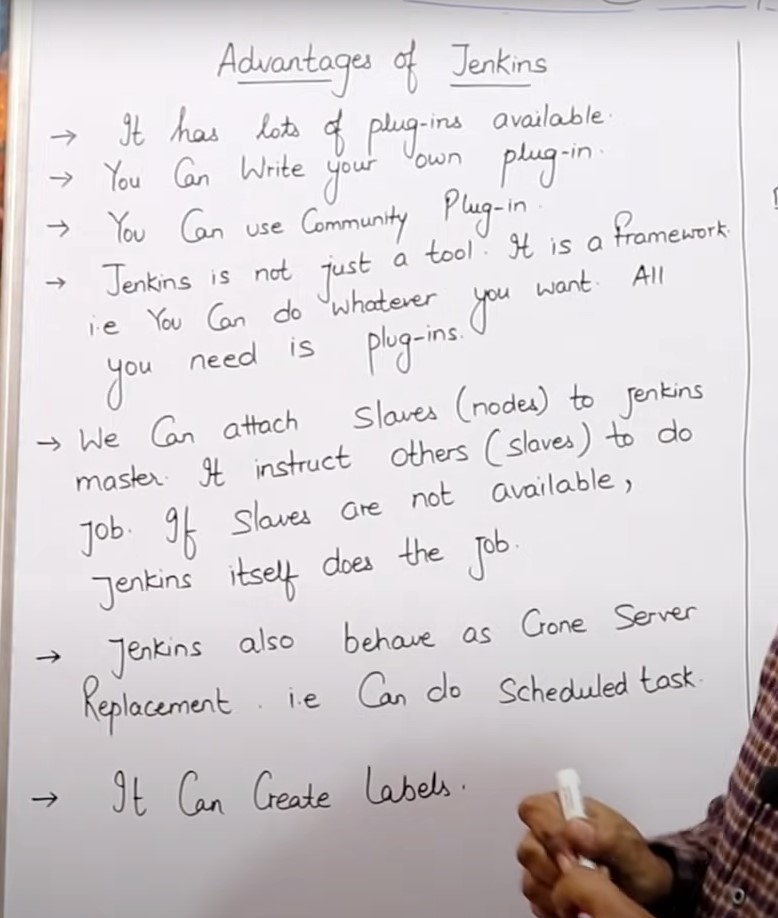
A hand holding a piece of paper

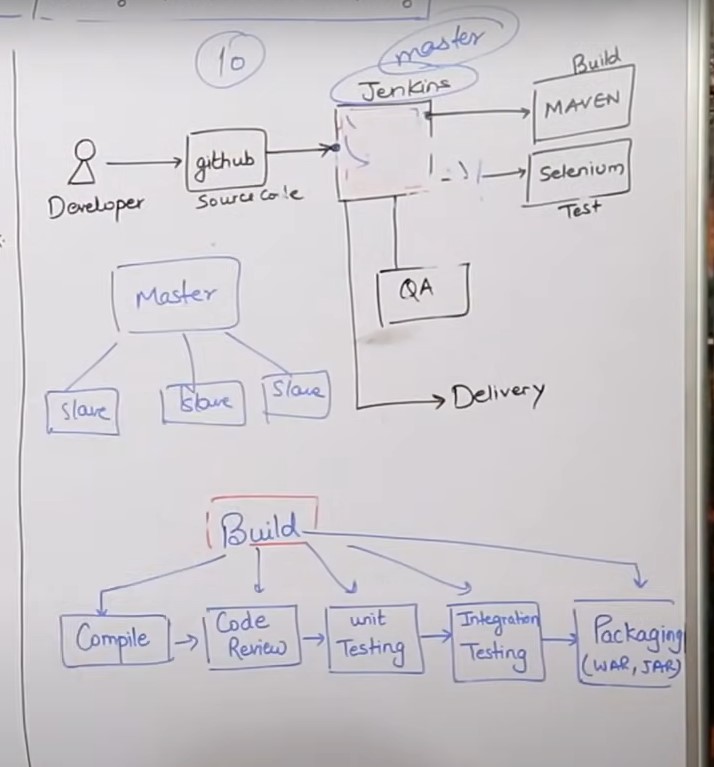
Description automatically generated

A person standing in front of a whiteboard

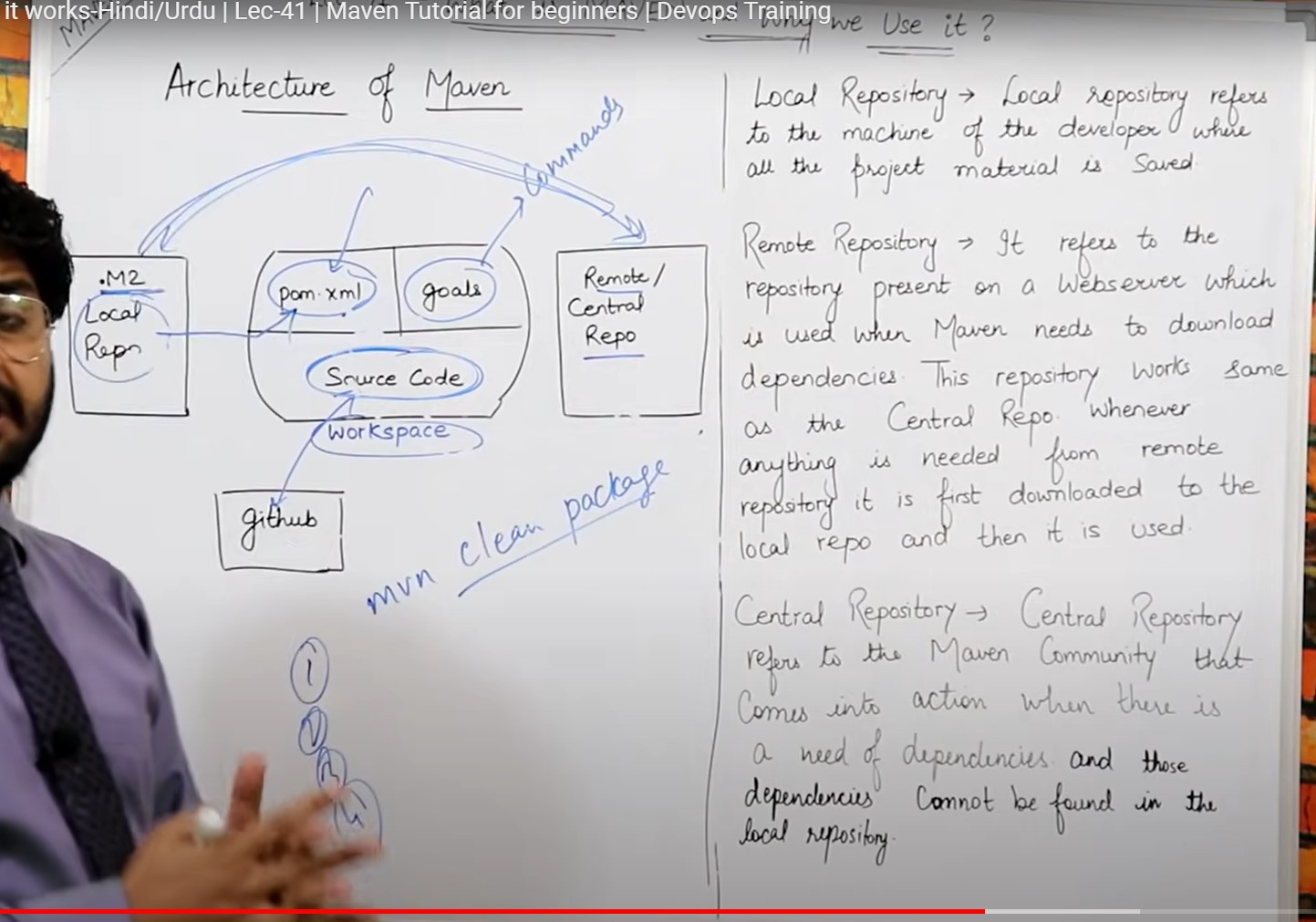
Description automatically generated

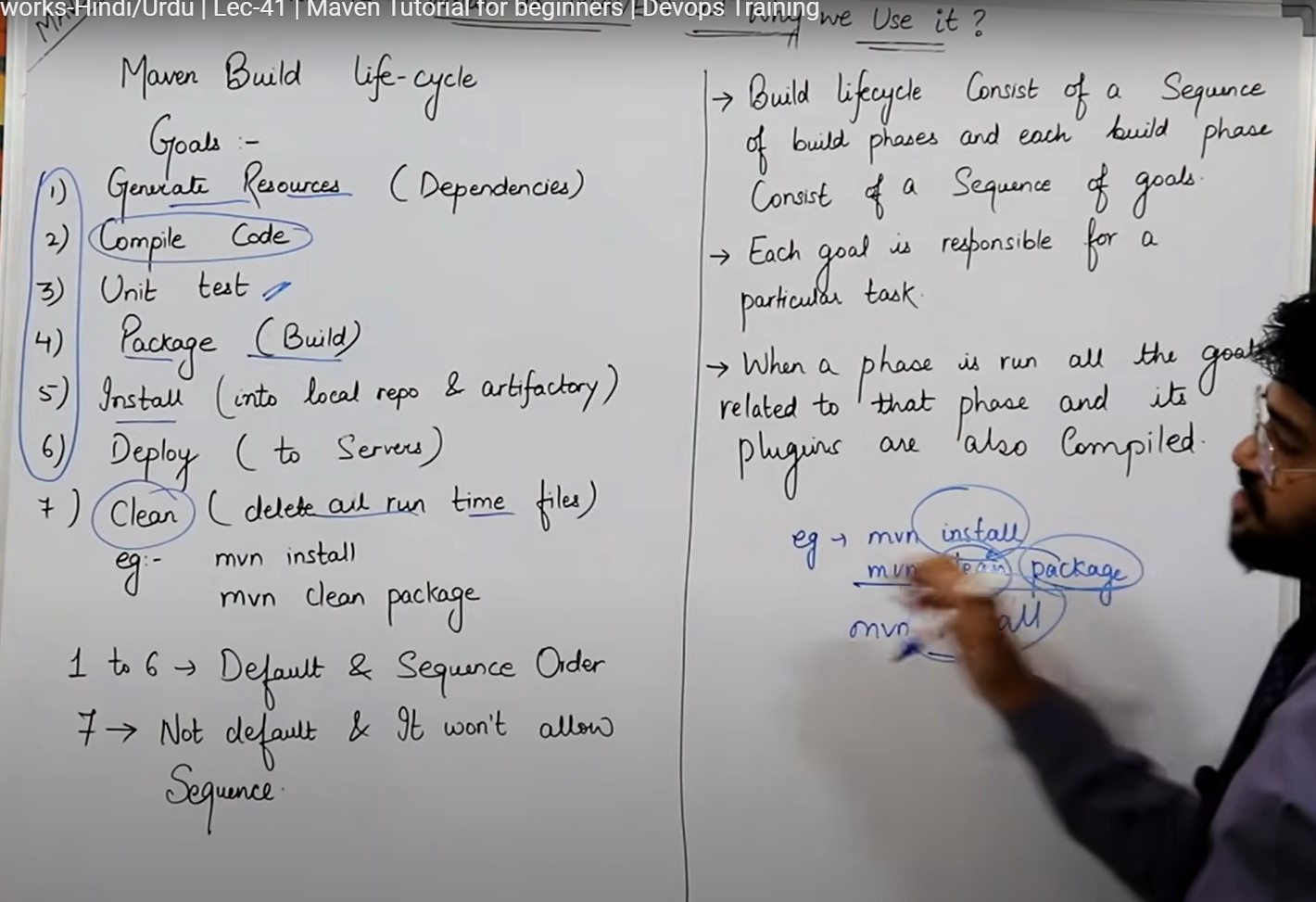
**Jenkins Advantages and Architecture:**

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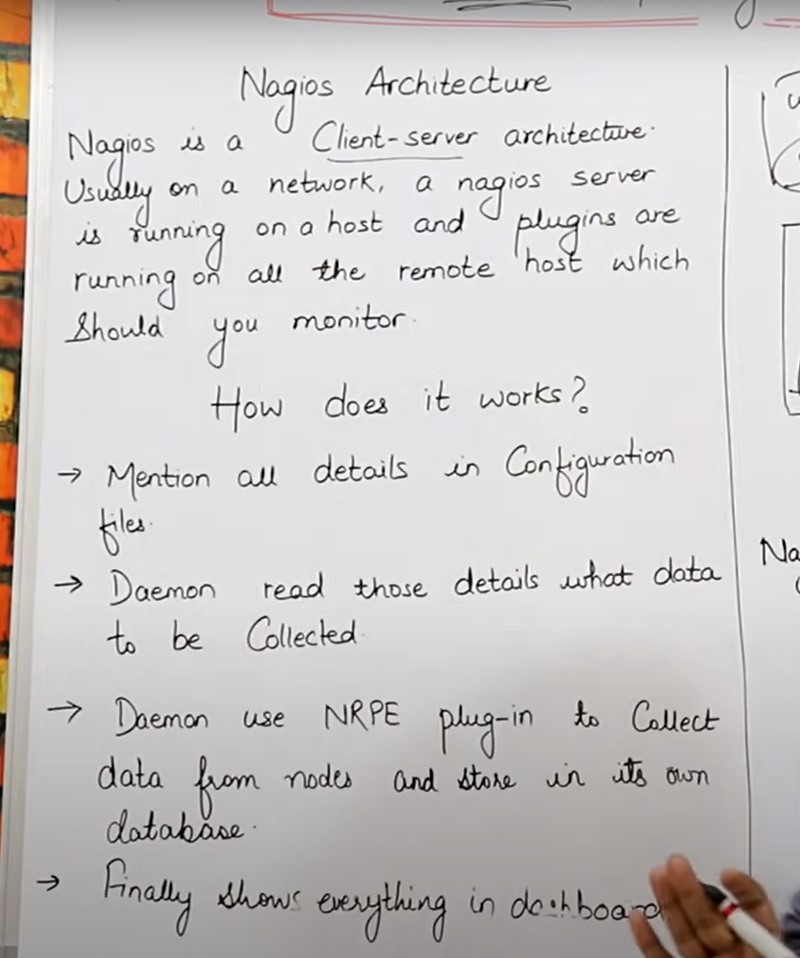
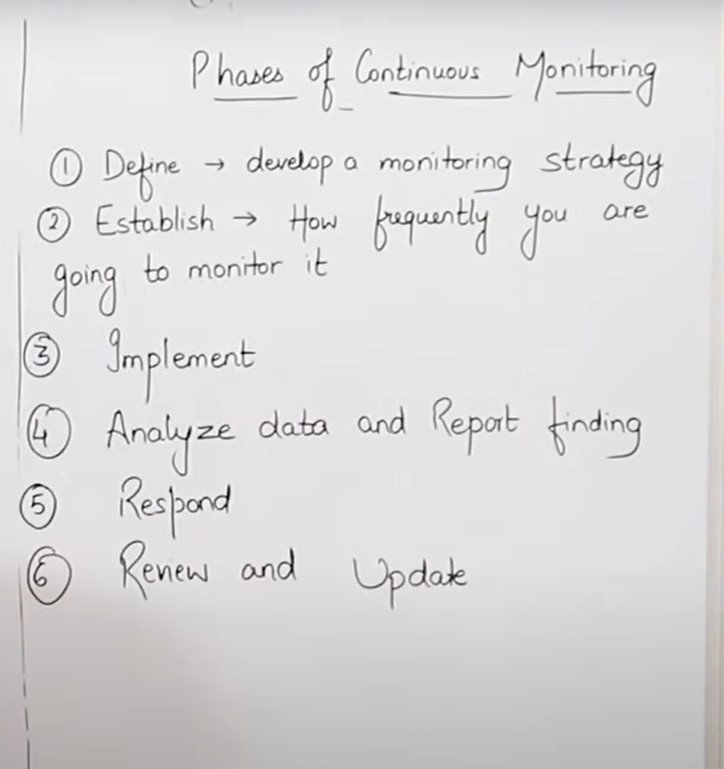
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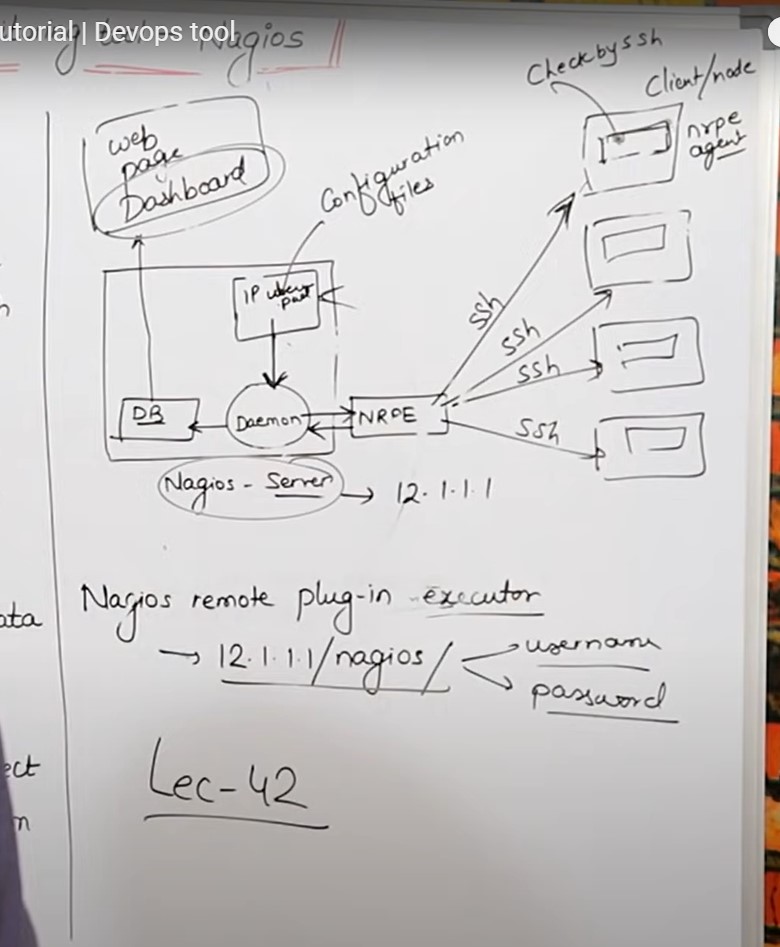
**Maven:**





**Nagios**

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**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*CODE USED FOR INSTALLATION\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

sudo su

yum install httpd php

yum install gcc glibc glibc-common

yum install gd gd-devel

adduser -m nagios passwd nagios

groupadd nagioscmd

usermod -a -G nagioscmd nagios

usermod -a -G nagioscmd apache

mkdir ~/downloads

cd ~/downloads

wget [http://prdownloads.sourceforge.net/so...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqa1JCejlpN2hqUUxKMUotWTNsczZ0N01NSVFYd3xBQ3Jtc0ttUUhwWW56MzlGZkNZVGhrbzh0QWVqNHhkWnlqckp2MHR4NDZOb0Q4cmRSM1FnZXVQWDVqQm5PWnpPZkY2ak9tZGgwdXhMZEE4LWJic3VFZjBhSV9pOTVTeUM5bjlha1EtU1pEMTQtN2RpVXdiM2cxVQ&q=http%3A%2F%2Fprdownloads.sourceforge.net%2Fsourceforge%2Fnagios%2Fnagios-4.0.8.tar.gz&v=H9uRoLS_8ks)

wget [http://nagios-plugins.org/download/na...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbnZrS1ZmOGZtR1l2Q2o0UGFkS0t1VWxqaFNqUXxBQ3Jtc0tuRllfdnBGWFVpem5SQWhKYUZtZ0xIbDBjYmx3aHVlSGJ4Zm9CNkdYZFBqOEZQS3pqTlhhbjlxNmxyNkZsN181RUhPVlk0MTNwcEZNU0VPbEY4Um1qSmxXbzVqQ3RMQ1gzenRMTGphVWdpN1d6Mlh5SQ&q=http%3A%2F%2Fnagios-plugins.org%2Fdownload%2Fnagios-plugins-2.0.3.tar.gz&v=H9uRoLS_8ks)

tar zxvf nagios-4.0.8.tar.gz

cd nagios-4.0.8

./configure --with-command-group=nagioscmd

make all

make install

make install-init

make install-config

make install-commandmode

make install-webconf

htpasswd -c /usr/local/nagios/etc/htpasswd.users nagiosadmin

service httpd restart

cd ~/downloads

tar zxvf nagios-plugins-2.0.3.tar.gz

cd nagios-plugins-2.0.3

./configure --with-nagios-user=nagios --with-nagios-group=nagios

Make

make install

chkconfig --add nagios

chkconfig nagios on

/usr/local/nagios/bin/nagios -v /usr/local/nagios/etc/nagios.cfg

service nagios start

service httpd restart