Version Control System

push code

Pull Code

git

update trello

find tasks

Trello

Kanban style Board

build and update images

Flask

Source Code

pull

poll

docker

pulled images from docker

Jenkins

CI Server

Enviroment Configuration

Config Management

ANSIBLE

Docker swarm is used to create a mangager node and worker nodes swarm will nalso load balance traffic

Docker swarm is used to deploy the app across multiple vms

Google Cloud Platform

Nginx is used as a reverse proxy