Pipeline Process:

1) Changes and updates are made in development environment.

2) Updates get pushed to github repository.

3) Circleci workflow process is triggered , the process has many stages:

   a)spin up environment: for setup operating system in a docker image
   b) preparing environment variables to be accessible for next steps
   c) install the programming language : eg : Node.js 14
   d) install AWS CLI which is a command line tool for managing and configuring deployment
   e)configure AWS credentials for the IAM user that has permessions to manage deployment
   f) Frontend , Backend install : for installing necessary packages for building , running and deploying the application
   g) Frontend and Backend build: for preparing a more compact version for production purposes
   h) Frontend and Backend deployment : for deploying the fullstack application on cloud (AWS services) for public usage