

# PIPELINE

## Description

This application's repository is monitored by CircleCI, so any time a code commit is pushed to the master branch of this application's repository (bansalayush25/Udagram-Deploy) the CircleCI pipeline is triggered, and a series of events are executed. This series of CircleCI pipeline events include:

- Docker container is set up
- NodeJS is set up inside the container
- Code is checked out from github repo
- Dependencies are installed
- AWS command line interfaces are set up
- AWS Elastic Beanstalk is setup
- Environment secrets are read from inside CircleCI
- The frontend dependencies are installed
- The backend dependencies are installed
- The frontend is built
- The backend is built
- The frontend is deployed to S3 inside AWS
- The backend is deployed to Elastic Beanstalk inside AWS

## Diagram

```
1  import { Sequelize } from "sequelize-typescript";
2  import { config } from "../config/config";
3
4  export const sequelize = new Sequelize({
5    username: config.username,
6    password: config.password,
7    database: config.database,
8    host: config.host,
9    port: config.port,
10
11    dialect: "postgres",
12    storage: ":memory:",
13  });
14
```

Code is pushed to  
git repo



Push is detected  
by CircleCI



The circleci/config  
script is executed  
and frontend and  
backend are  
deployed to AWS

