Architecture diagram

Diagram

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Abstract

This project is all creating application using Elastic beanstalk then we will create a codepipeline and connect to the github where we will have the application source code. Then we will connect the Elastic Beanstalk application to the codepipeline and run the application. This application will let you add names and save it into the application.

Step 1: Login to your AWS Management Console

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Step 2: Search for Elastic Beanstalk and click on it

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Step 3: Click on Create a new environment

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Step 4: select Web server environment and click on select

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Step 6: Give application name as musician-app

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Step 7: select platform as Node.js

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Step 8: Click on create environment

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Step 9: Click on the link

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Step 10: You will see the application is running

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Step 11: Search for codepipline and click on it

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Step 12: Click on create pipeline

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Step 13: Give pipeline name

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Step 14: Click on next

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Step 15: Select GitHub (Version 1)

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Step 16: Click on Connect to GitHub and login to your Github account

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Step 17: Then click on Confirm

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Step 18: Import repository from this github link to your github account <https://github.com/jspruance/musician-app.git>

Step 19: Select the imported repository

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Step 20: Select master

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Step 21: Click on next

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Step 22: Click on Skip build stage

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Step 23: Select AWS Elastic Beanstalk

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Step 24:Select the Application and environment created

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Step 25: Click on next

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Step 26: Click on Create pipeline

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Step 27: Once the deployment is succeeded click on the AWS Elastic Beanstalk link

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Step 28: Click on the application URL

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Step 29: You will see the application is running

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Step 30: Give name last name and genre

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Step 31: You will the name is saved

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