MANAGING A CI/CD PIPELINE WITH AWS CODE FAMILY

PROJECT 2 / 6

SETTING UP A GIT REPOSITORY WITH AWS CODECOMMIT

Muhammad Asif Sahil

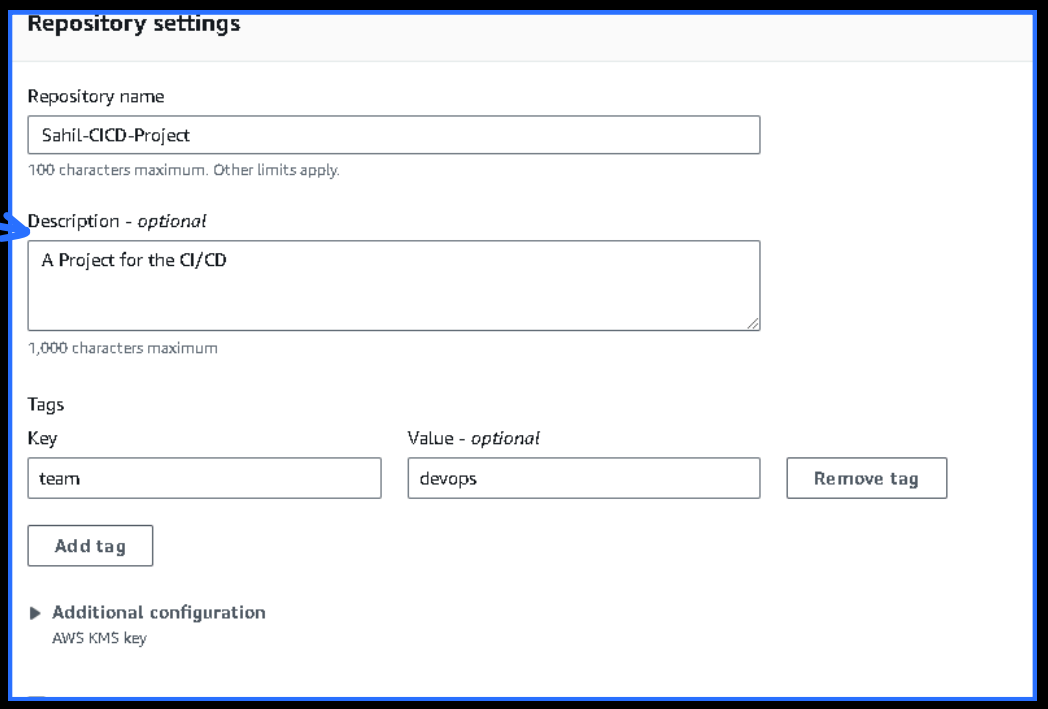
Real-Sahil

01

CREATE A GIT REPOSITORY

- Git is a distributed version control system for tracking changes in source code during software development.
- A Git repository (repo) is a storage space that tracks and manages changes to project files, allowing multiple users to collaborate on the code.
- To create a Git repository in the cloud, I used GitCommit

My setup page for a CodeCommit repo



Muhammad Asif Sahil
Real-Sahil

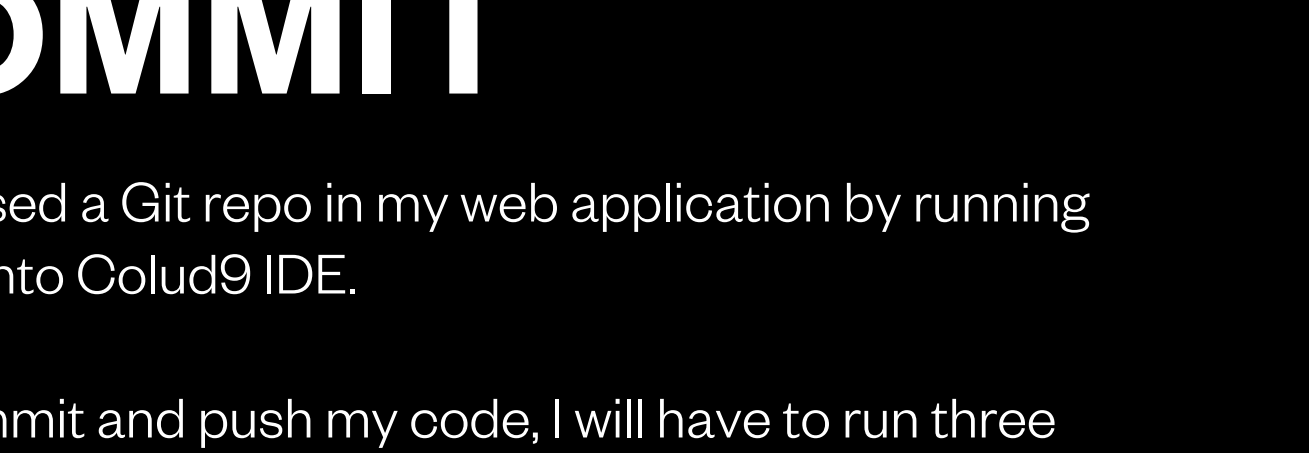
MY FIRST COMMIT

02

- I initialised a Git repo in my web application by running git init into Colud9 IDE.

- To commit and push my code, I will have to run three different commands in order:
    a. Add: It adds all the content.
    b. Commit: It commits the changes.
    c. Push: Pushes the update request to the repo.

Files I committed showing up in my CodeCommit repo!



Muhammad Asif Sahil
Real-Sahil

GIT IN ACTION

- I wanted to see Git working in action, so I made changes to the HTML code.
- Then I tried seeing these changes in my CodeCommit repository, but this didn't work because, I did not have run the commit and push commands.
- I finally saw the changes in my CodeCommit repository after using the, add, commit and push commands.

03

My updated index.jsp file showing up in CodeCommit!

Muhammad Asif Sahil
Real-Sahil

MY KEY LEARNINGS

01 Git is a distributed version control system for tracking changes in source code during software development.

02 A local Git repo is a version-controlled directory on your computer where you track changes to your project files.

03 A remote origin is a repository hosted on a remote server that a local Git repository can fetch from and push changes to.

04 To commit my code, I had to run three key commands: add, commit, push.

Muhammad Asif Sahil
Real-Sahil

FINAL THOUGHTS...

This project took me 35 Minutes

- Let's delete **EVERYTHING** at the end! Let's keep this project free :)

- In the next part of this 6-project series, we will use **AWS CodeArtifact** to securely store and manage the dependencies for the project.

Muhammad Asif Sahil
Real-Sahil

FIND THIS HELPFUL?

- Like this post
- Leave a comment
- Save for later
- Let's connect!

Muhammad Asif Sahil
Real-Sahil