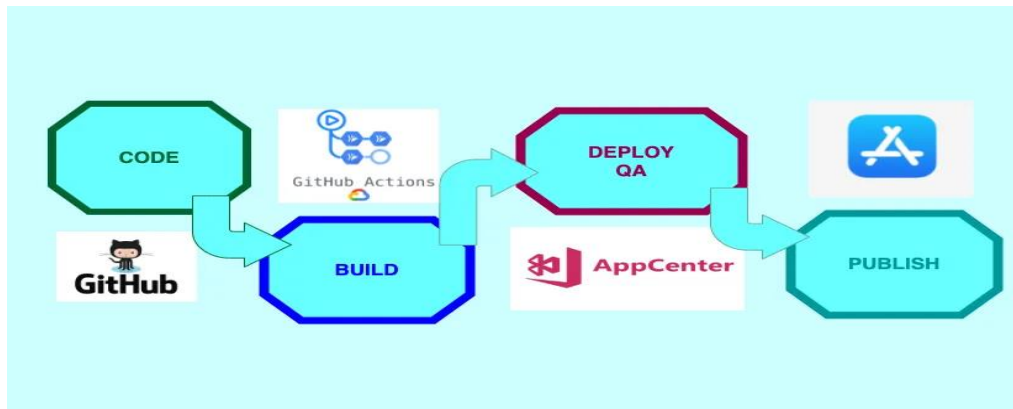


Continuous – integration-Continuous pipeline using React, GitHub actions



✓ S3 using CloudFront, Code->Github

**.github/workflows/build-and-deploy.yaml**

```
name: Build and Deploy React App to CloudFront
on:
  push:
    branches: [ master ]
jobs:
  build-and-deploy:
    name: Build and Deploy
    runs-on: ubuntu-latest
    env:
      BUCKET: <bucket-name>
      DIST: build
      REGION: us-east-1
      DIST_ID: <ID>
    steps:
      - name: Checkout
        uses: actions/checkout@v2
      - name: Configure AWS Credentials
        uses: aws-actions/configure-aws-credentials@v1
        with:
          aws-access-key-id: ${ secrets.AWS_ACCESS_KEY_ID }
          aws-secret-access-key: ${ secrets.AWS_SECRET_ACCESS_KEY }
          aws-region: ${ env.REGION }
      - uses: actions/setup-node@v2
      # with:
      #   node-version: '14'
      - name: Install Dependencies
        run: |
          node --version
          npm ci --production

      - name: Build Static Website
        run: npm run build
      - name: Copy files to the production website with the AWS CLI
        run: |
          aws s3 sync --delete ${ env.DIST } s3://${ env.BUCKET }
      - name: Copy files to the production website with the AWS CLI
        run: |
          aws cloudfront create-invalidation \
            --distribution-id ${ env.DIST_ID } \
            --paths "/*"
```

✓ S3WebAccess

✓ Github-Actions

- ✓ Navigate to Github -> Amazon Web Services AWS\_ACCESS\_KEY AWS\_ACCESS\_KEY
- ✓ CI-CD

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← Build and Deploy React App to CloudFront

✓ UI is changed #16

Re-run all jobs

Summary

Jobs

Build and Deploy

Run details

Usage

Workflow file

Build and Deploy

succeeded 2 hours ago in 23s

Search logs

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> Copy files to the production website with the AWS CLI2s

> Copy files to the production website with the AWS CLI0s

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CCD- 2023 March