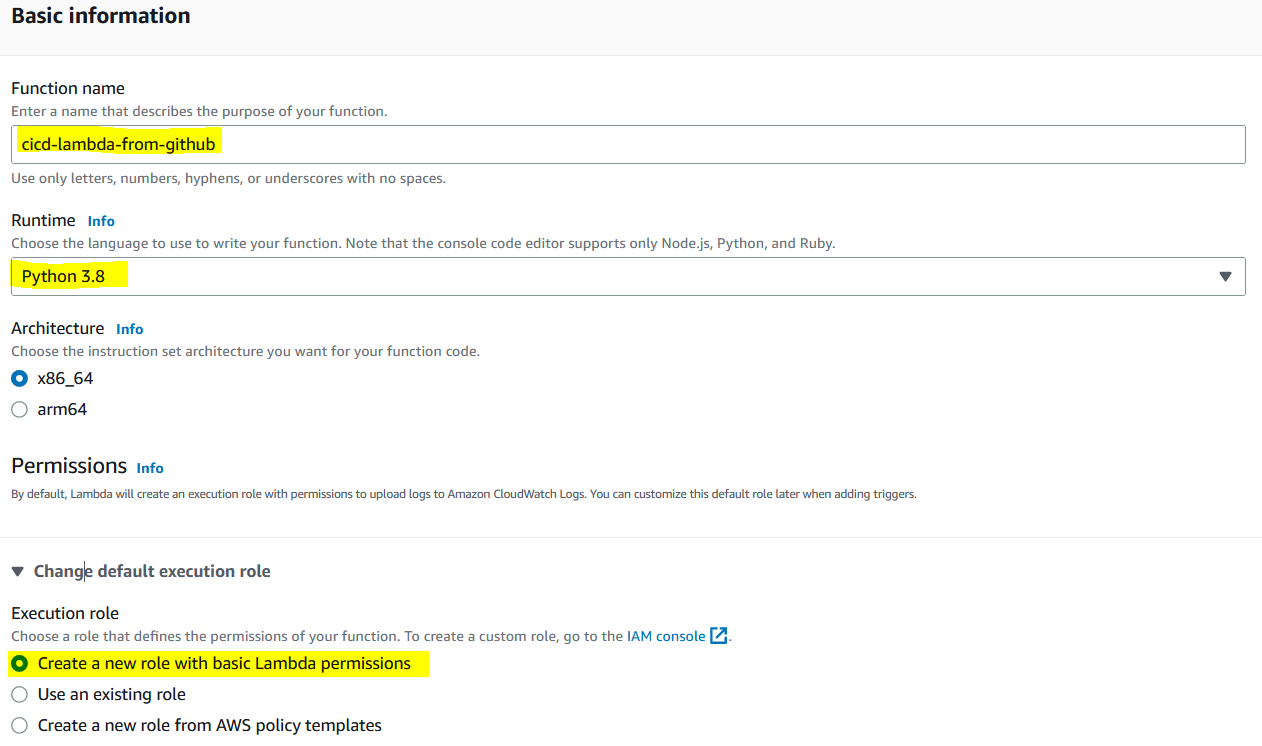
**Continuous Integration and Continuous Deployment (CICD) from Git hub to AWS Lambda with Code Build (To Automatically update Lambda Function code)**

1. **Create a Lambda Function with Python 3.8 runtime**



Then create function

1. **Clone the Git hub repository to work on it**

<https://github.com/kohlidevops/cicd-from-github-to-lambda/tree/main>

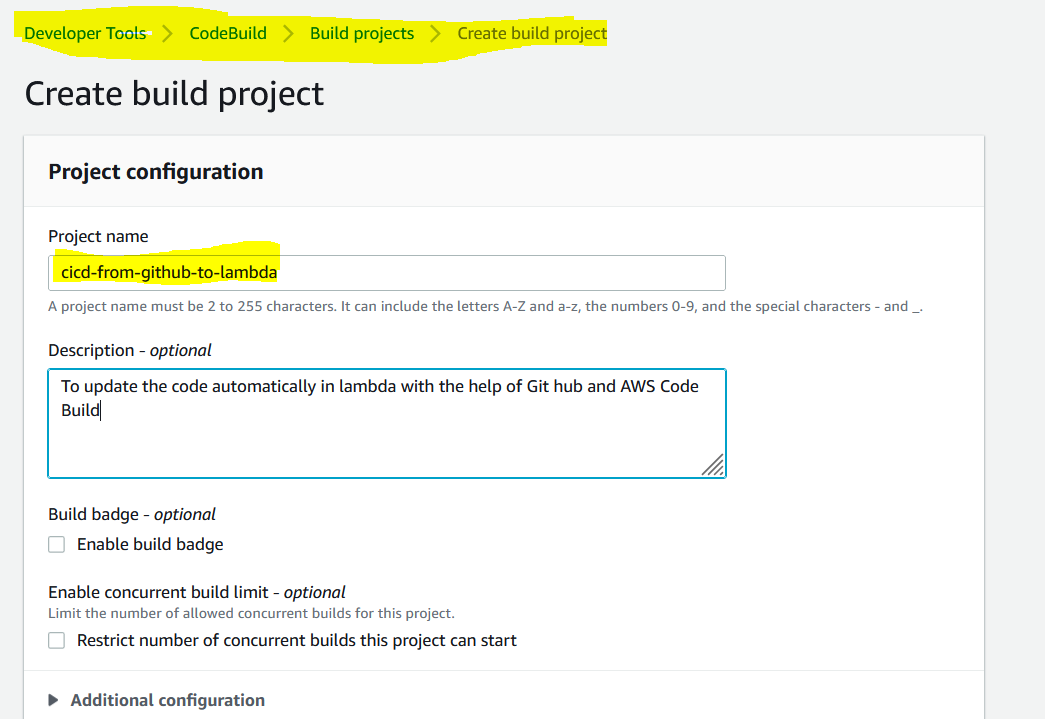
1. **To update the lambda function name in Git hub repository**

Open the buildspec.yml to update the lambda function name like below

A picture containing text, font, screenshot, algebra

Description automatically generated

1. **Create a Code Build in AWS**



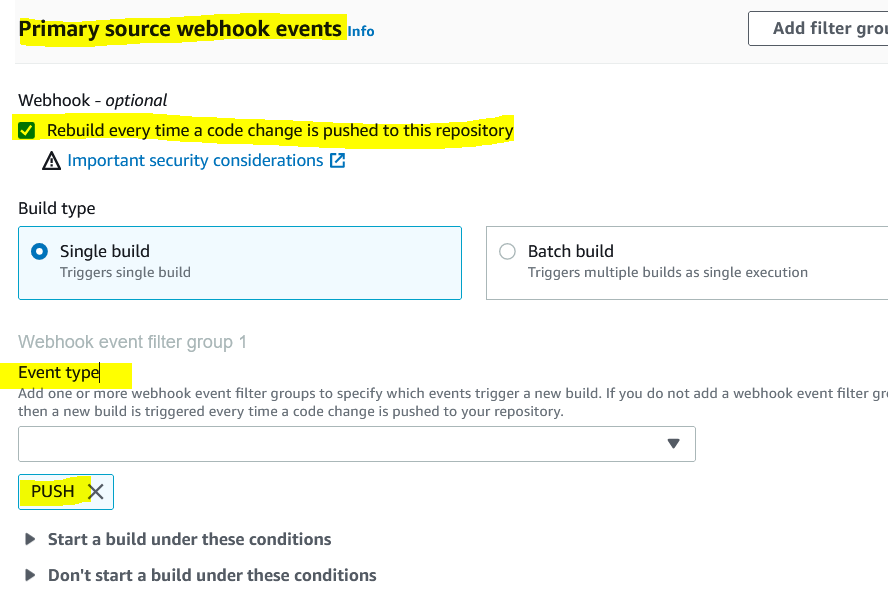
Source provide should be Git hub

A screenshot of a computer

Description automatically generated with medium confidence

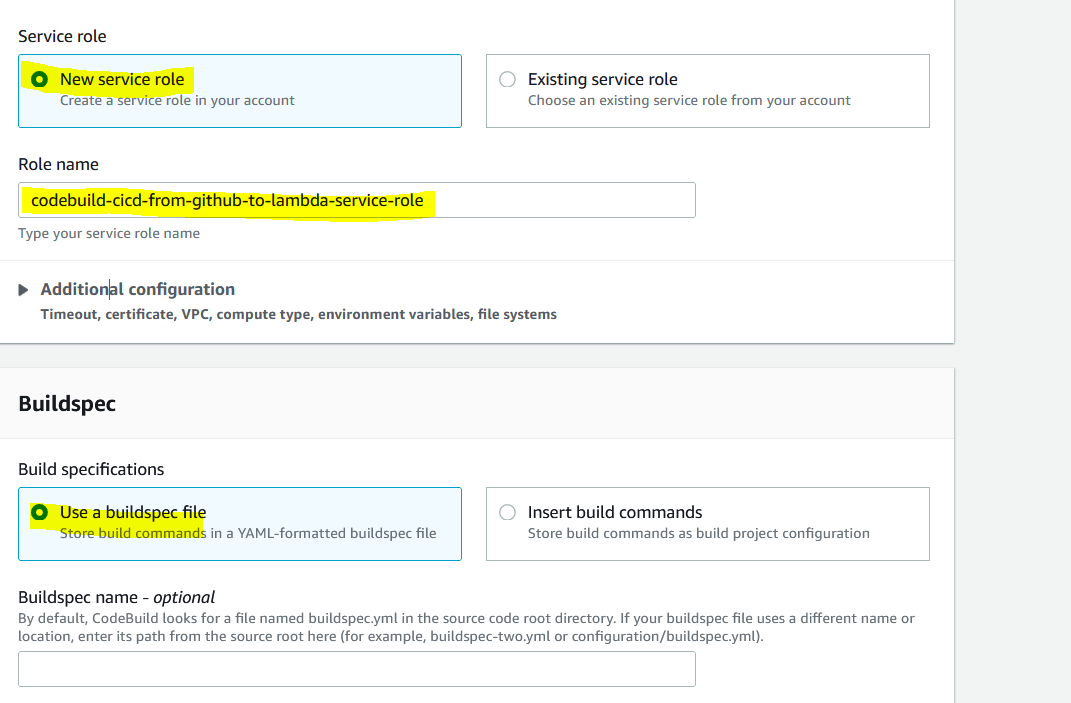
A screenshot of a computer

Description automatically generated with medium confidence



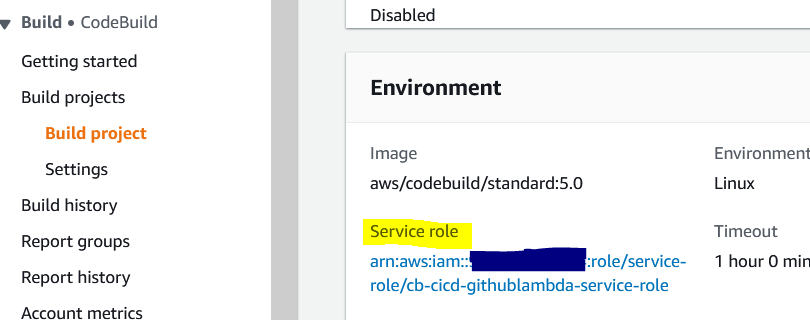
A screenshot of a computer

Description automatically generated with medium confidence



Then create build project

1. **To update the Code build service role with below iam policy**



<https://github.com/kohlidevops/cicd-from-github-to-lambda/blob/main/iam-policy.json>

then update the lambda arn inside the policy – next – save changes

A screenshot of a computer

Description automatically generated with medium confidence

1. **To run the code build automatically**

Before run the code – lambda code

A screenshot of a computer

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Do some changes in lambda\_function.py file

A screenshot of a computer program

Description automatically generated with low confidence

Once changes occurred, the build is triggered, and you can see the phase details

A screenshot of a computer

Description automatically generated with medium confidence

The lambda code is updated after build project has been completed

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Description automatically generated with low confidence

1. **To test the Lambda function code**

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You can see the log output

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Description automatically generated

Latest build is succeeded

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