STEPS I FOLLOWED WHILE CREATING SIGNUP PAGE AND POSTING IT TO DYNAMODB USING FLASK

Files creation:

1. Created backend app.py and add cors for access, requirements.txt
2. Created frontend with files signupform, app.css for styling, app.js, index.html, index.js, add background image in a folder, package.json
3. Main.tf, variables.tf and terraform.tfvars
4. Requirements.txt

flask

boto3

flask\_cors

Execution:

cd backend

pip install -r requirements.txt

cd ../terraform

terraform init

terraform plan

terraform apply -auto-approve

cd ../backend

zip -r lambda.zip app.py requirements.txt

zip -r ../terraform/lambda.zip ./\*

aws lambda update-function-code --function-name SignupHandler --zip-file fileb://lambda.zip

error encountered: **lambda\_execution\_role** already exists in your AWS account.

Check if the role exists: **lambda\_execution\_role** already exists in your AWS account.

If it exists: terraform import aws\_iam\_role.lambda\_role lambda\_execution\_role

terraform plan

terraform apply -auto-approve

Make sure the fetch in signupform.js is <http://127.0.0.1:5000/submit>"

cd ../backend

python app.py

open new terminal and do

cd frontend

npm install

npm start

should work successfully.

Check the where flask is running, by going to the browser -> right click -> inspect -> console -> check for errors there.