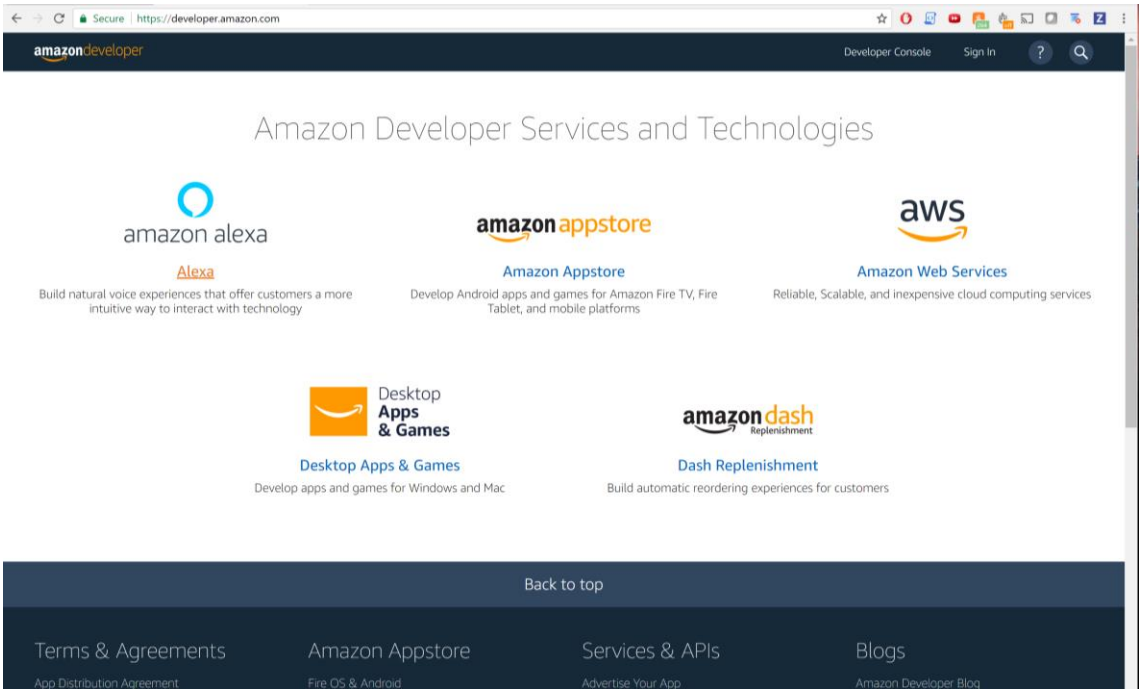
Setting up Alexa Amazon Developer and AWS Server with Lambda and HTTPS

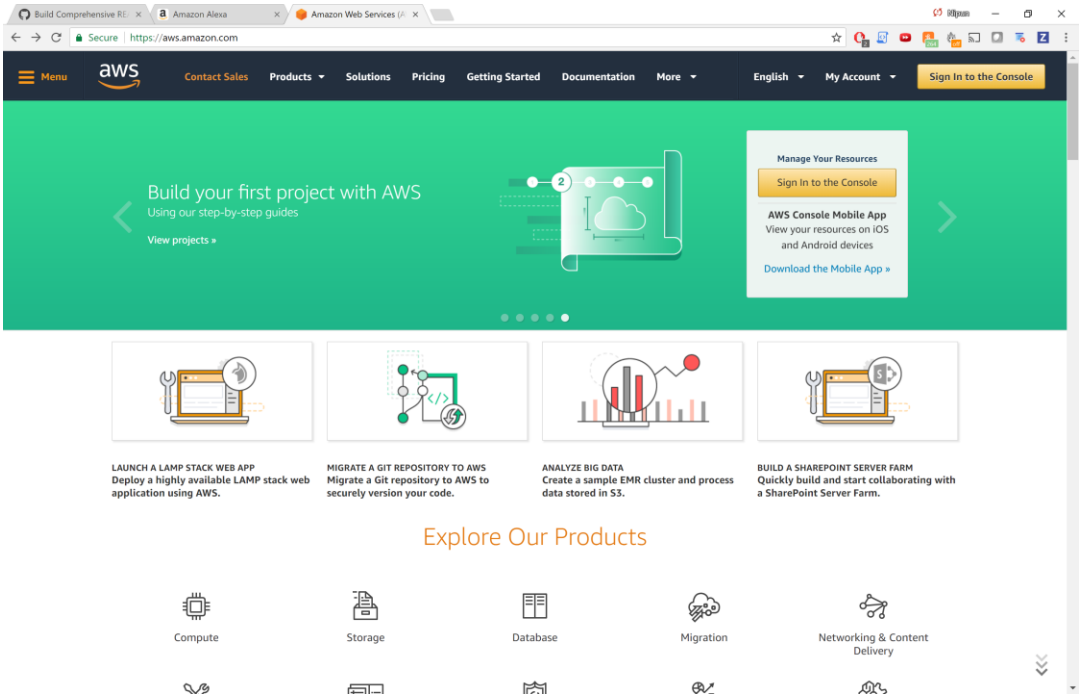
- First make sure you have an Amazon Developer account

- visit developer.amazon.com and create one if you do not.

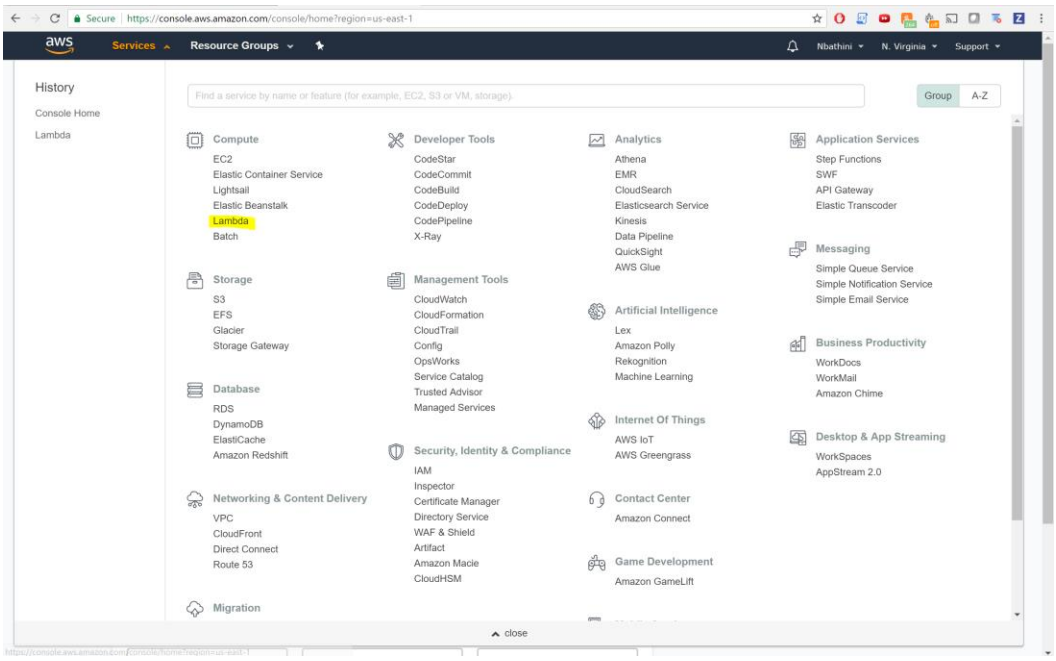


-Next you also need to have an Amazon Web Services (AWS) account. https://aws.amazon.com/

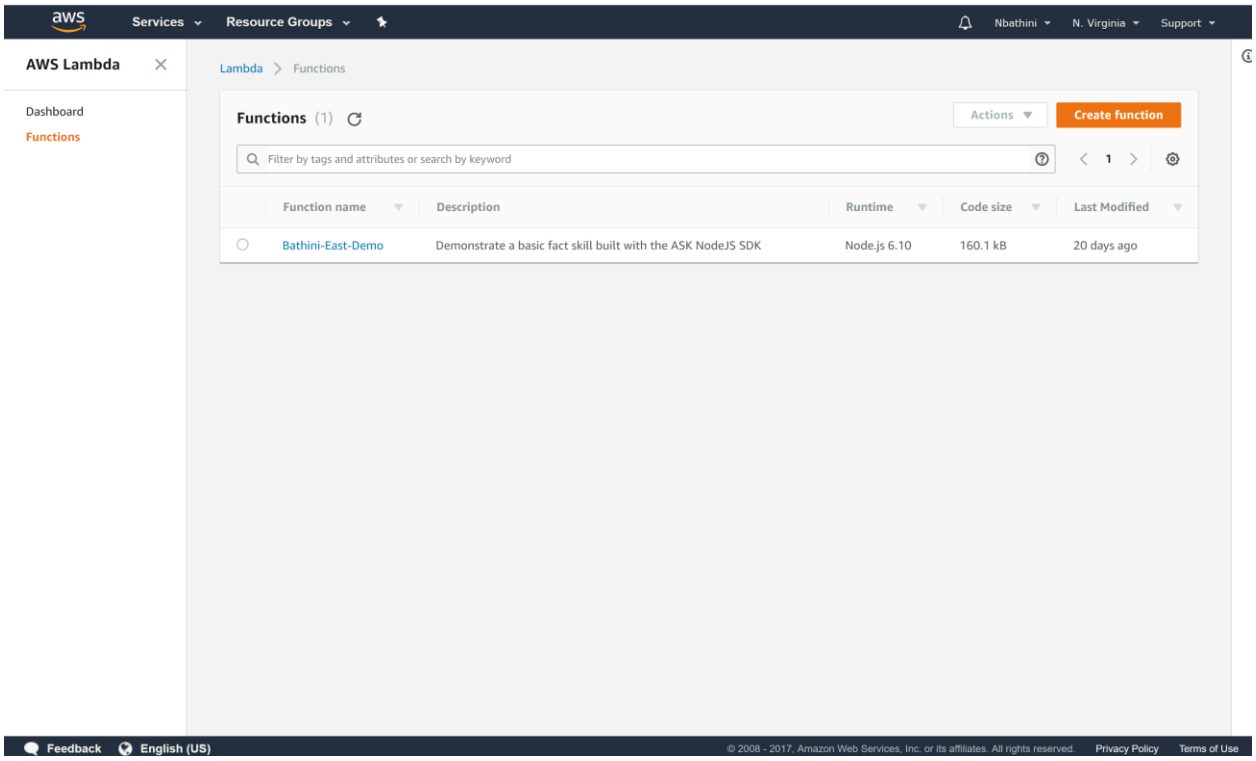
- If you do not have on you can create a free account, it will ask for your credit card information.



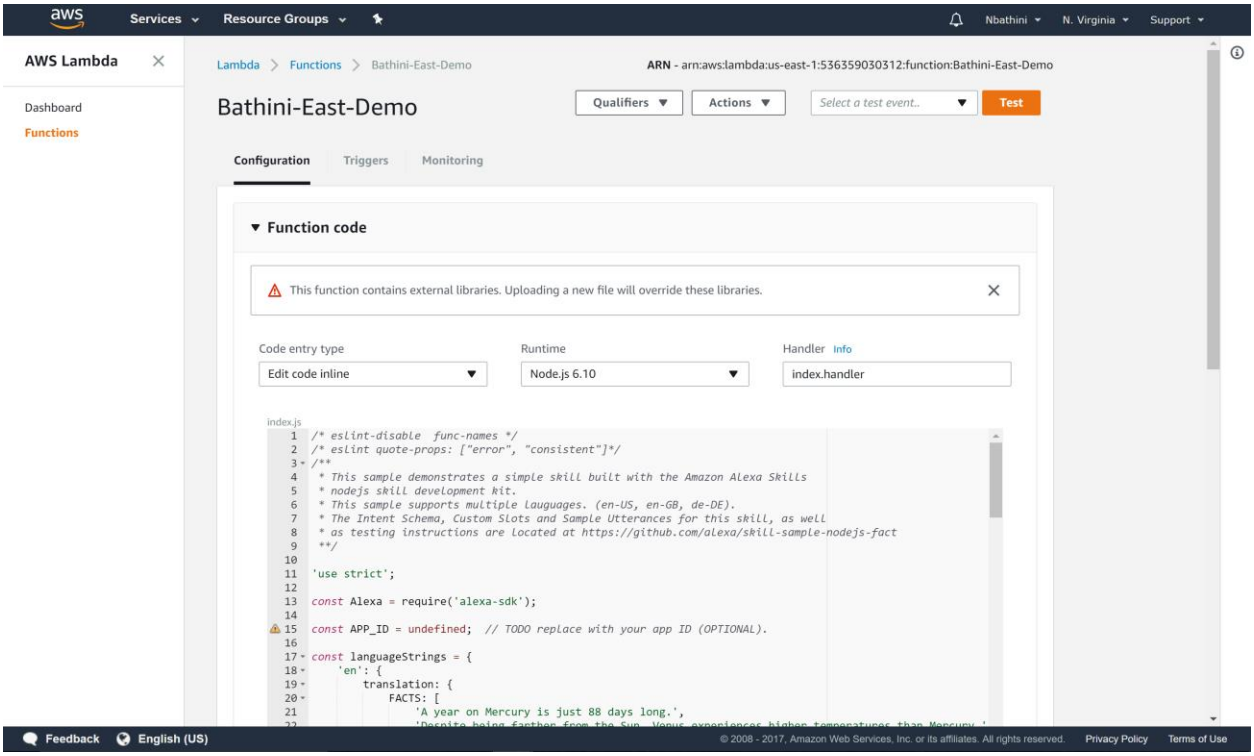
- Sign in, we will be using Lambda



- After selecting Lambda you will then be directed to a table of all your functions



- From there you can select the desired function you wish to work on
- After selecting the function you will be able to change the configuration and triggers

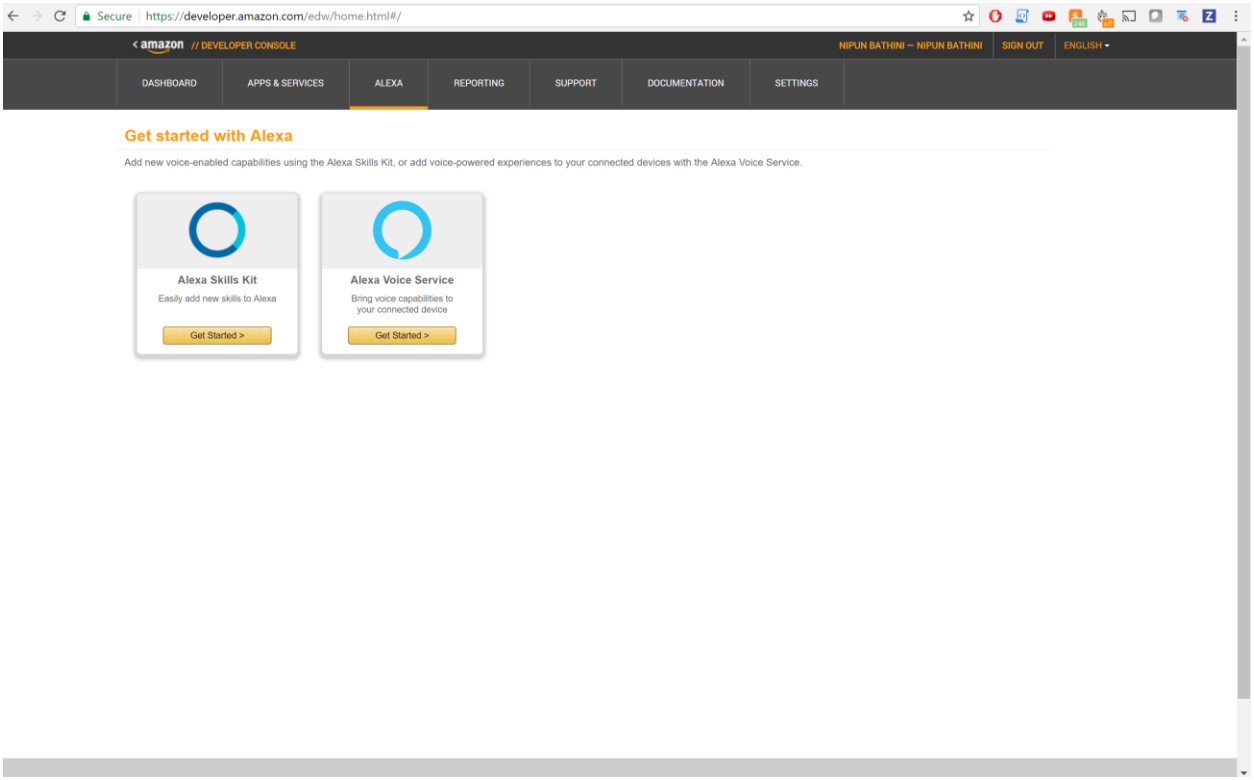


- If this is all present, the backend is working!

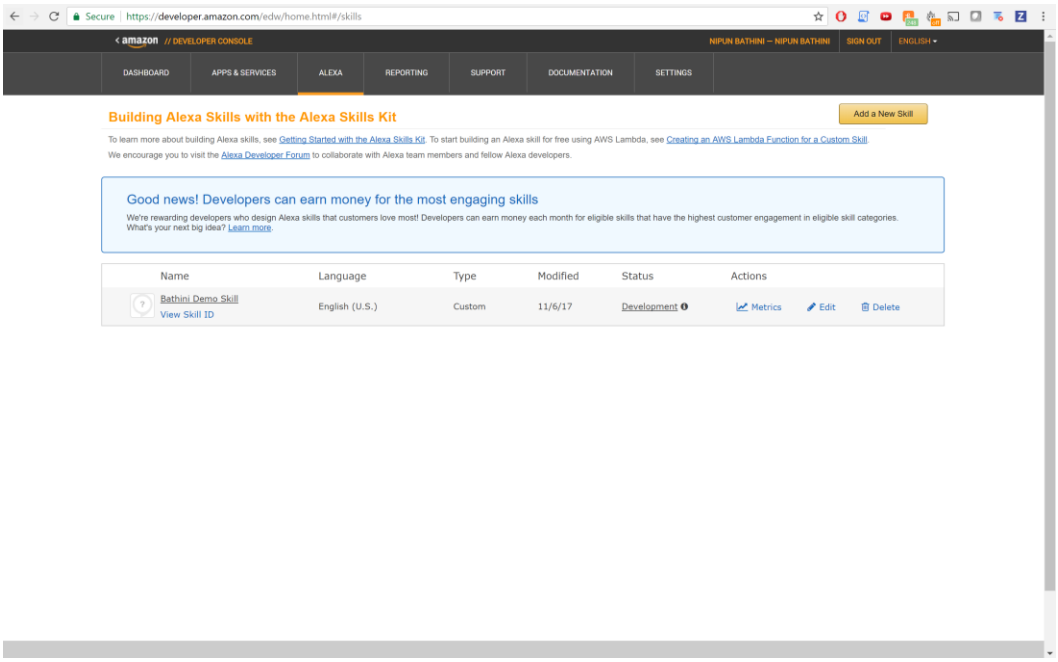
- Go back to the amazon developer website and log in.

- On the top right after logging in you should see the option to go to “Your Alexa Dashboard” select this

- You will be lead to a screen similar to below



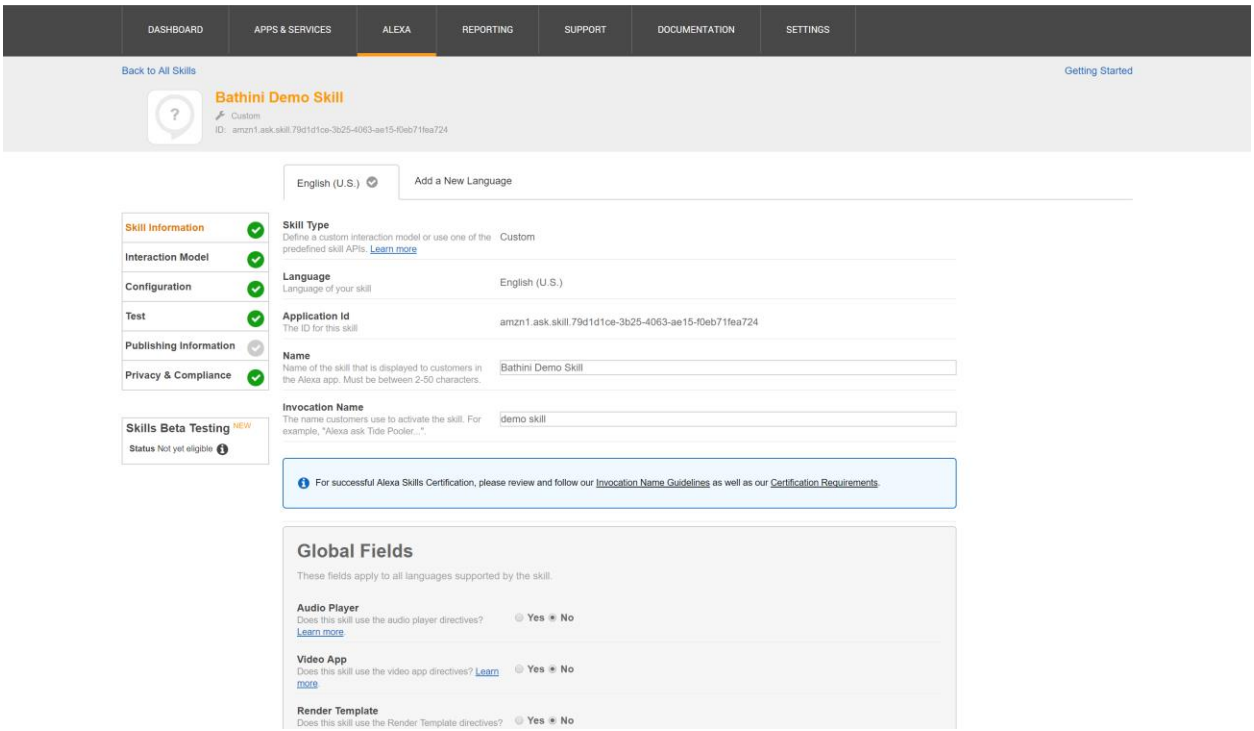
-From here select skills kit, which will lead you to the screenshot below



- This is where you can create new skills by selecting add a new skill

- Or you can edit the already existing skills

- Lets select an already existing skill leading you to the screen below

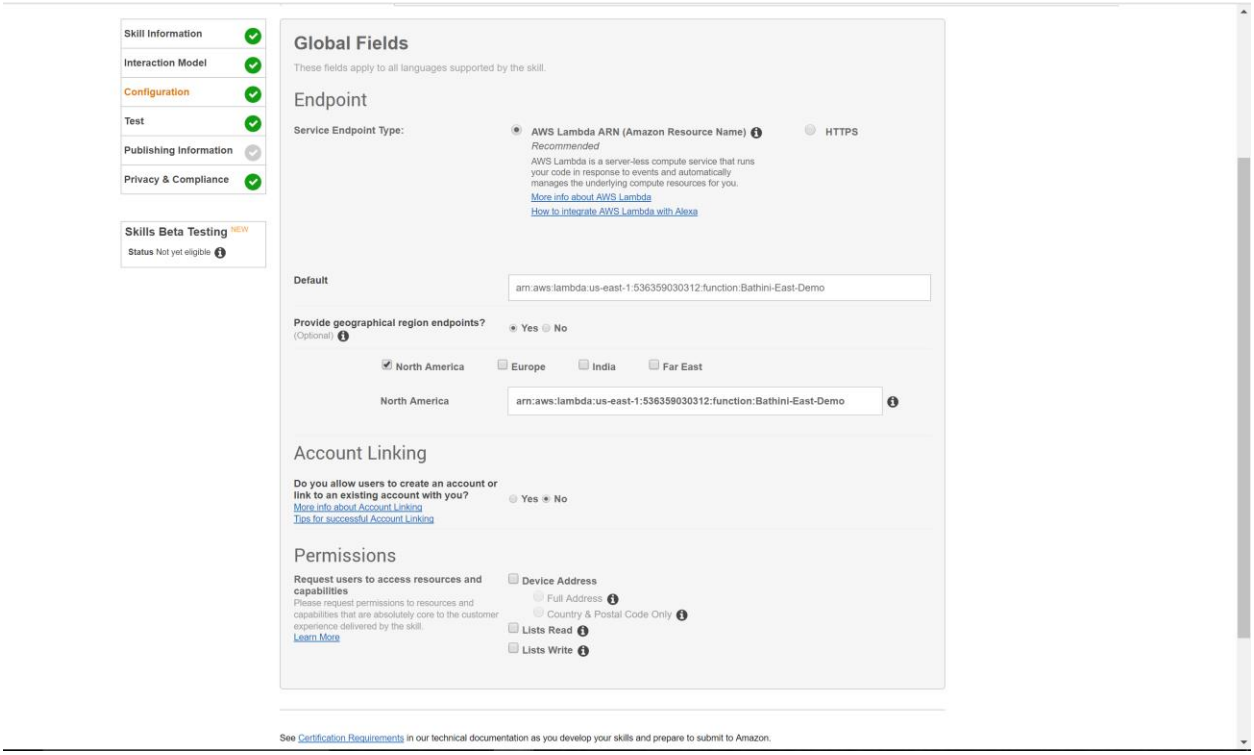


-Under skills information we can change the name of the skill and also what Alexa should respond to

- Under interaction model is where you place the schema of user intents in JSON format.

-Also under interaction model is where you add sample utterances to give the user example of how to use the skill

- Lets select configuration leading us to the screen below.



- This is where the connection between the voice service and backend happens

- We are given the option of using lambda function or connect to an HTTPS server that can receive and respond to JSON.

- The Test tab allows you to test the skill with utterances and the other two tabs are to finish publishing

- Next, if you want to run an instance to the AWS server make sure you get your private key

- In terminal you can then run this command to connect
“ssh -i "Senior-Capstone-HQ.pem" ec2-user@ec2-34-215-212-179.us-west-2.compute.amazonaws.com”