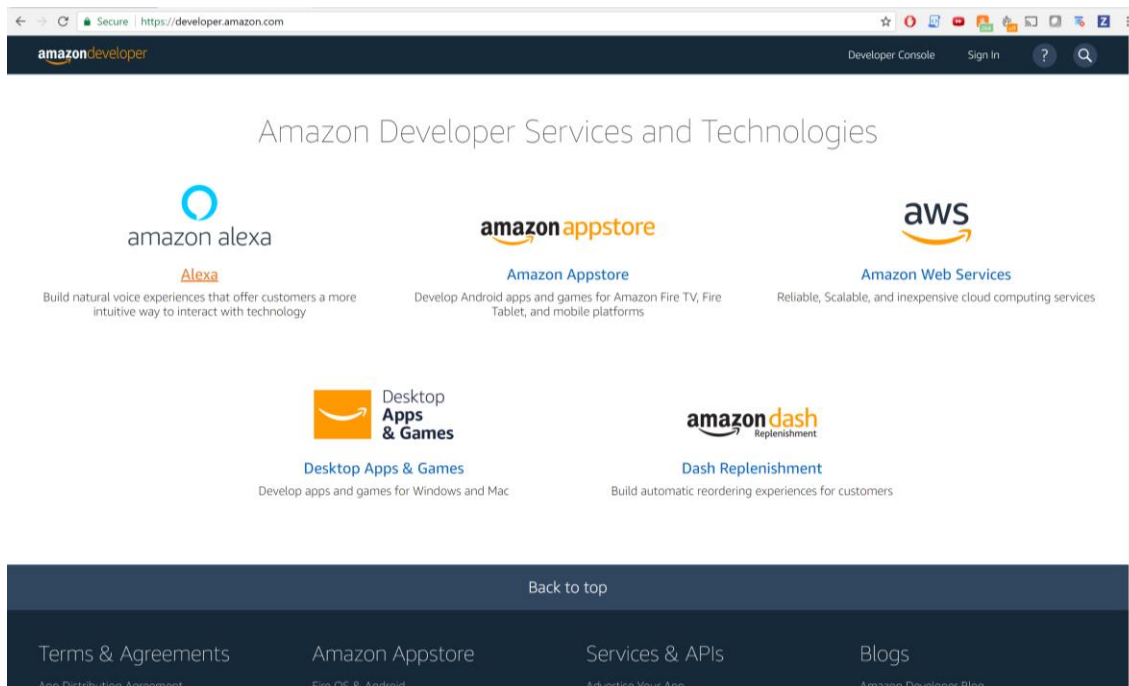
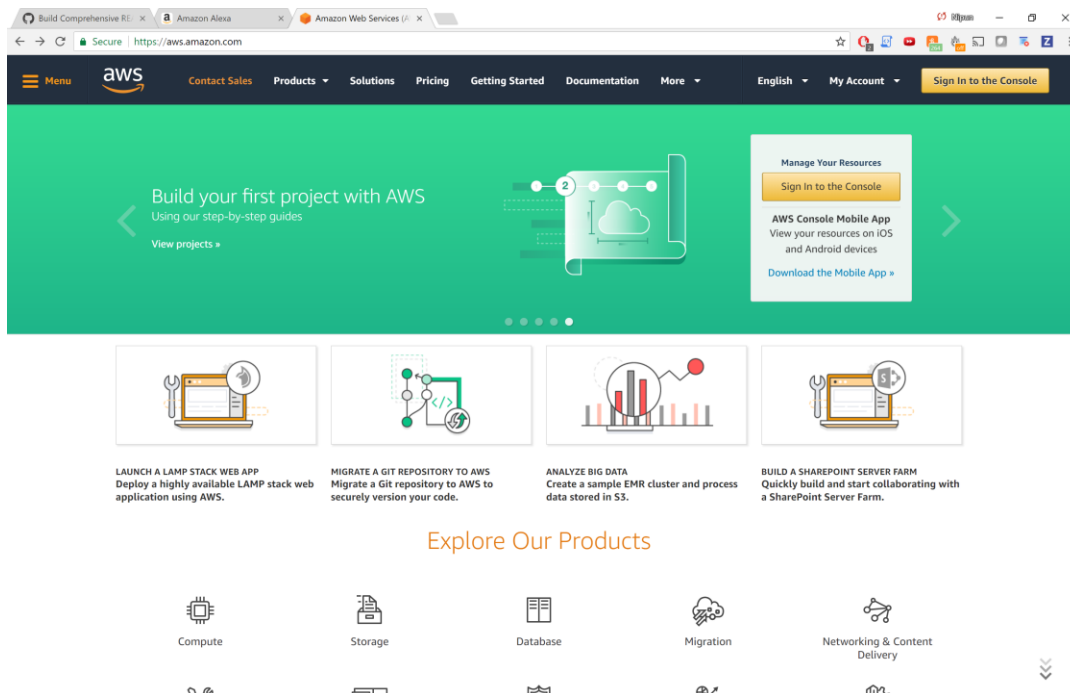


Setting up Alexa Amazon Developer and AWS Server with Lambda and HTTPS

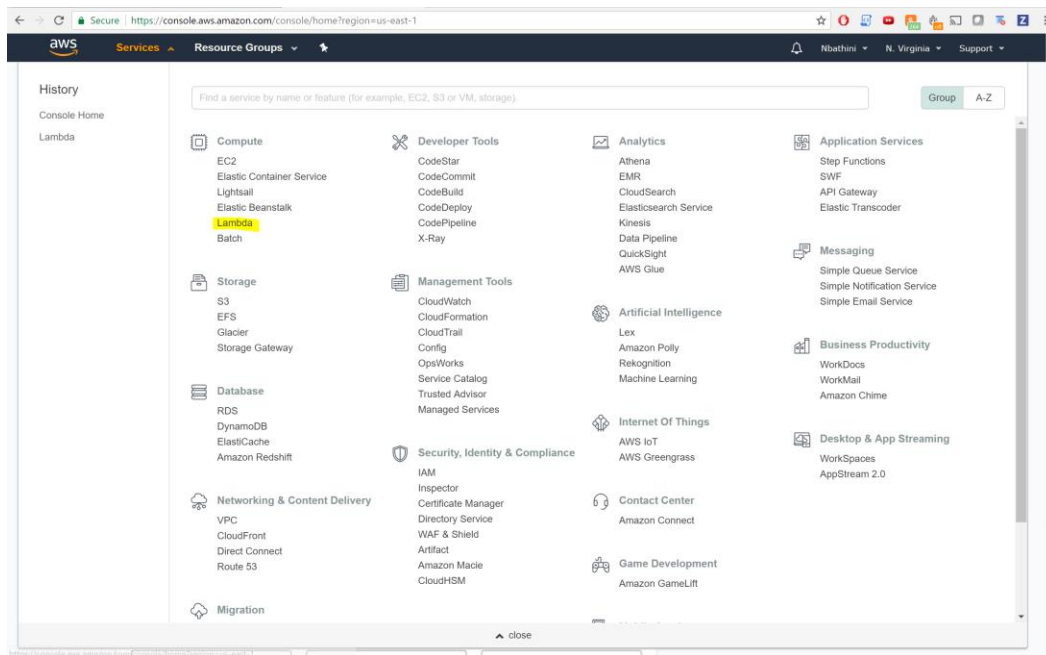
- First make sure you have an Amazon Developer account
- visit developer.amazon.com and create one if you do not.



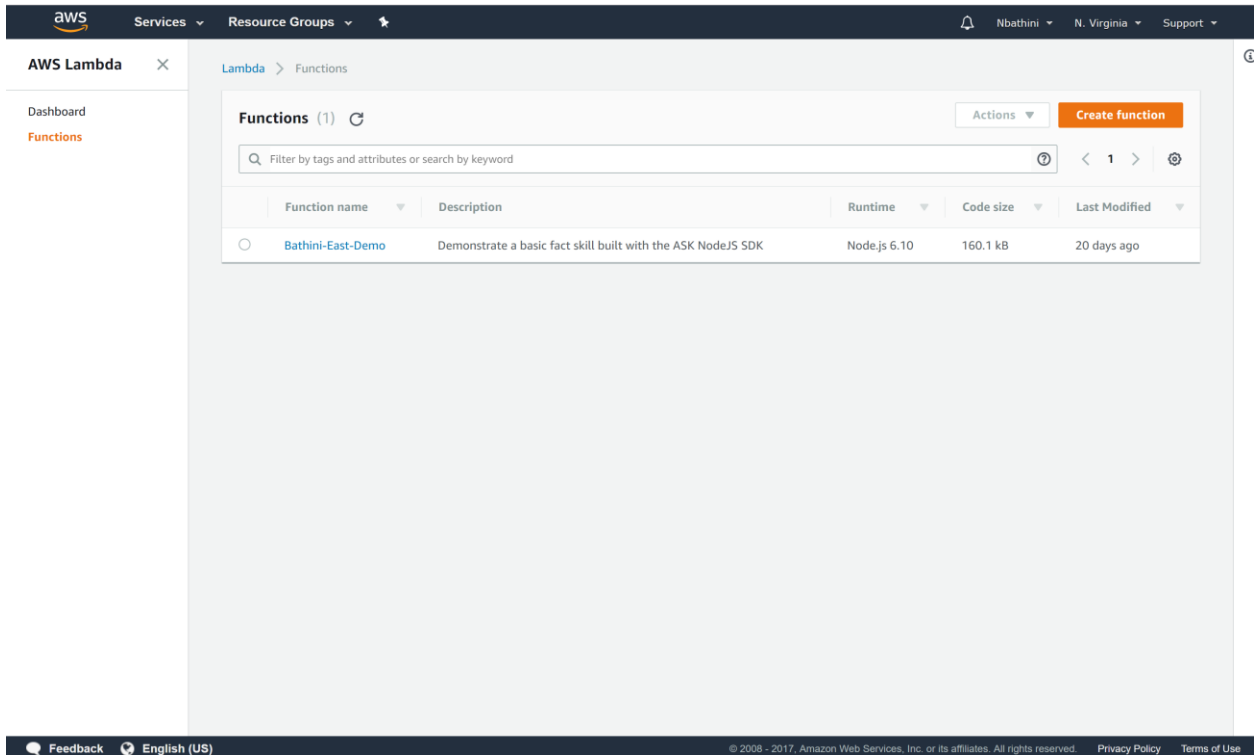
- Next you also need to have an Amazon Web Services (AWS) account. <https://aws.amazon.com/>
- If you do not have on you can create a free account, it will ask for your credit card information.



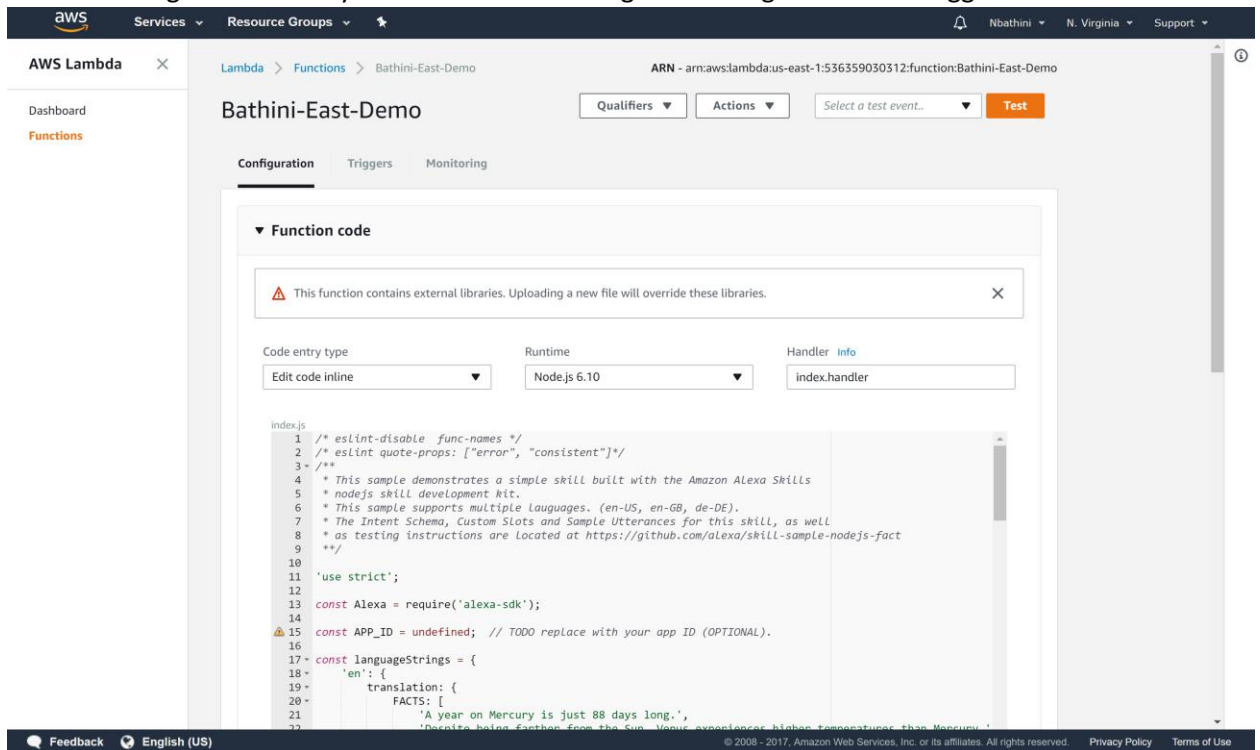
- Sign in, we will be using Lambda



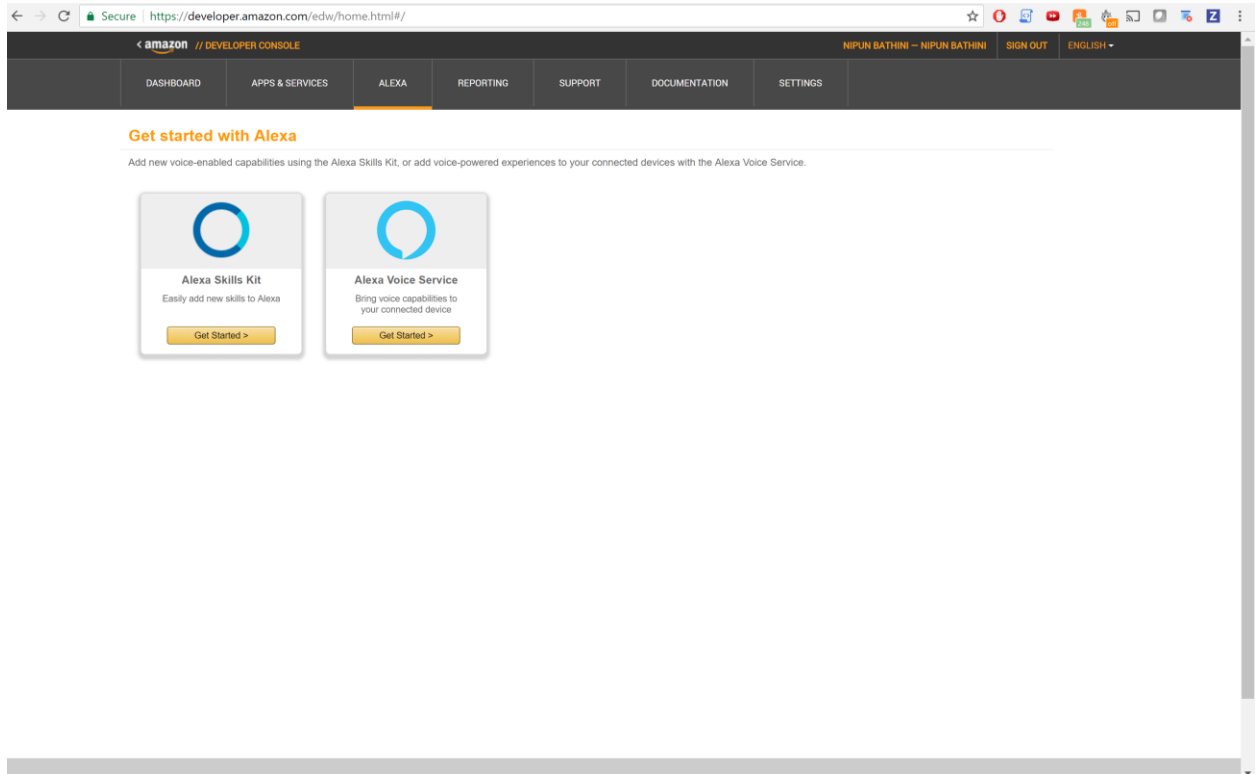
- After selecting Lambda you will then be directed to a table of all your functions



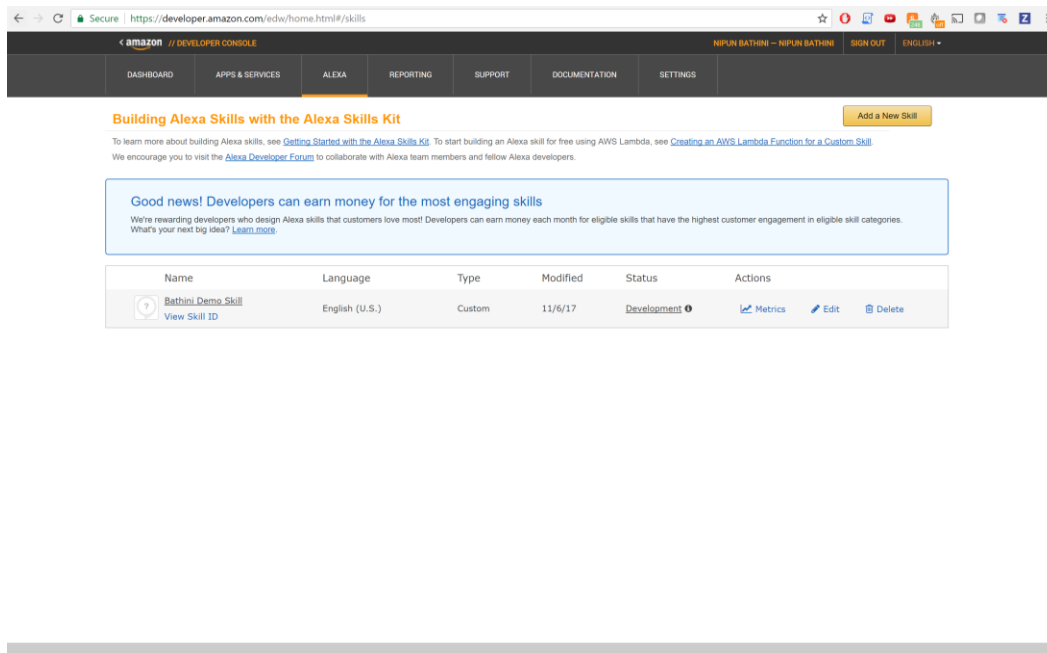
- From there you can select the desired function you wish to work on
- After selecting the function you will be able to change the configuration and triggers



- 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

Bathini Demo Skill
Custom
ID: amzn1.ask.skill.79d1d1ce-3b25-4063-ae15-f0eb71fa724

English (U.S.) [Add a New Language](#)

Skill Information ☒ **Skill Type**
Define a custom interaction model or use one of the predefined skill APIs. [Learn more](#) Custom

Interaction Model ☒ **Language**
Language of your skill English (U.S.)

Configuration ☒ **Application ID**
The ID for this skill amzn1.ask.skill.79d1d1ce-3b25-4063-ae15-f0eb71fa724

Test ☒ **Name**
Name of the skill that is displayed to customers in the Alexa app. Must be between 2-50 characters. Bathini Demo Skill

Publishing Information ☒ **Invocation Name**
The name customers use to activate the skill. For example, "Alexa ask Tide Pooler..." demo skill

Privacy & Compliance ☒

Skills Beta Testing [new](#)
Status Not yet eligible [i](#)

Global Fields
These fields apply to all languages supported by the skill.

Audio Player
Does this skill use the audio player directives? ☐ Yes ☒ No [Learn more](#)

Video App
Does this skill use the video app directives? [Learn more](#) ☐ Yes ☒ No

Render Template
Does this skill use the Render Template directives? ☐ Yes ☒ No

-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.

The screenshot shows the 'Global Fields' configuration page for an Alexa skill. On the left is a sidebar with navigation tabs: Skill Information, Interaction Model, Configuration (highlighted), Test, Publishing Information, and Privacy & Compliance. Below these is a 'Skills Beta Testing' section with a 'Status Not yet eligible' message. The main content area is titled 'Global Fields' and contains several sections: 'Endpoint' with 'Service Endpoint Type' set to 'AWS Lambda ARN (Amazon Resource Name)' (recommended) and a text field for the ARN; 'Default' with a text field for the default endpoint; 'Provide geographical region endpoints?' with a 'Yes' radio button selected and checkboxes for North America, Europe, India, and Far East; 'Account Linking' with a 'Do you allow users to create an account or link to an existing account with you?' question and a 'Yes' radio button selected; and 'Permissions' with checkboxes for 'Device Address', 'Full Address', 'Country & Postal Code Only', 'Lists Read', and 'Lists Write'.

- 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`