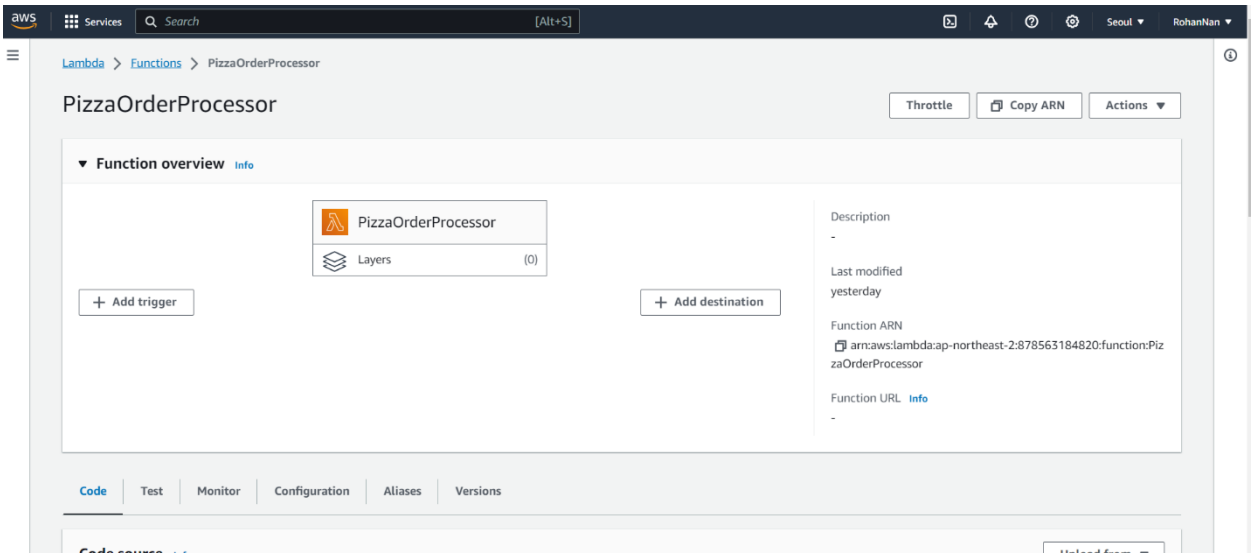
Creating A chatbot with Amazon Lex AWS Lambda and Integrate with Facebook Messenger for Pizza For You page.

Rohan Nandasena

Contents

Creating An AWS Lambda Function

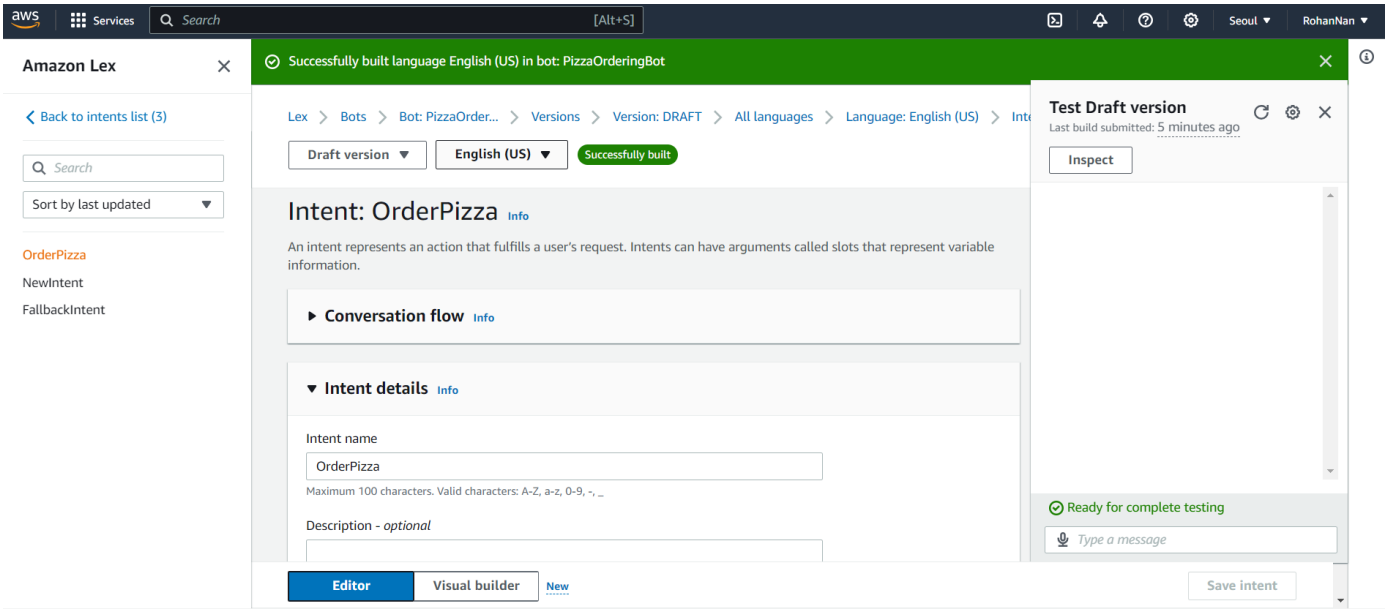
Using the AWS Console, I have started the process of creating an AWS Lambda function called "pizza order processor." I can deal with JSON events since this function was configured with the JSON 18x format. I tested my function once I had finished creating it to make sure it processed JSON data as intended. After I was happy with the testing outcomes, I launched my Lambda function.



Creating Amazon Lex Bot

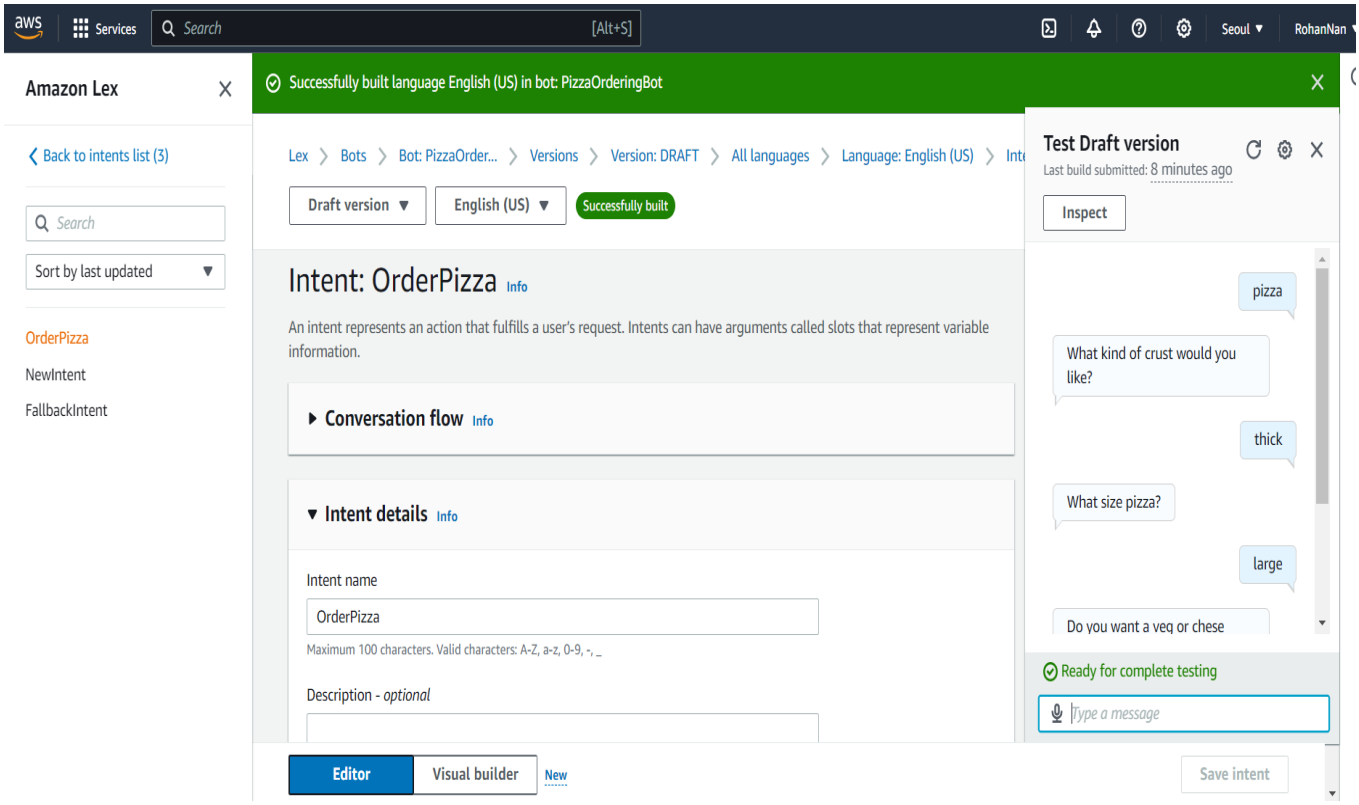
I've started by creating three unique slot kinds called "PizzaKind," "Sizes," and "Crusts," which are essential to how well my chatbot interprets user inputs. After that, I made an intent called "Order Pizza." To achieve this goal, I added a number of example utterances to its capabilities, which effectively trained my chatbot to understand and react to a broad range of user inputs pertaining to pizza orders. I then created three slots, which probably represented important pizza order data like pizza kind, size, and crust, to improve the accuracy of these interactions. Lastly, I included an AWS Lambda function into your chatbot to enable full order fulfillment. This means that when customers interact with the chatbot to buy pizza.

Lastly, I included an AWS Lambda function into my chatbot to allow full order fulfillment. This way, when users interact with the chatbot to purchase pizza, the Lambda function handles the fulfillment process smoothly. This careful setup produces a chatbot that is ready to let people order pizza in an accurate and efficient manner.



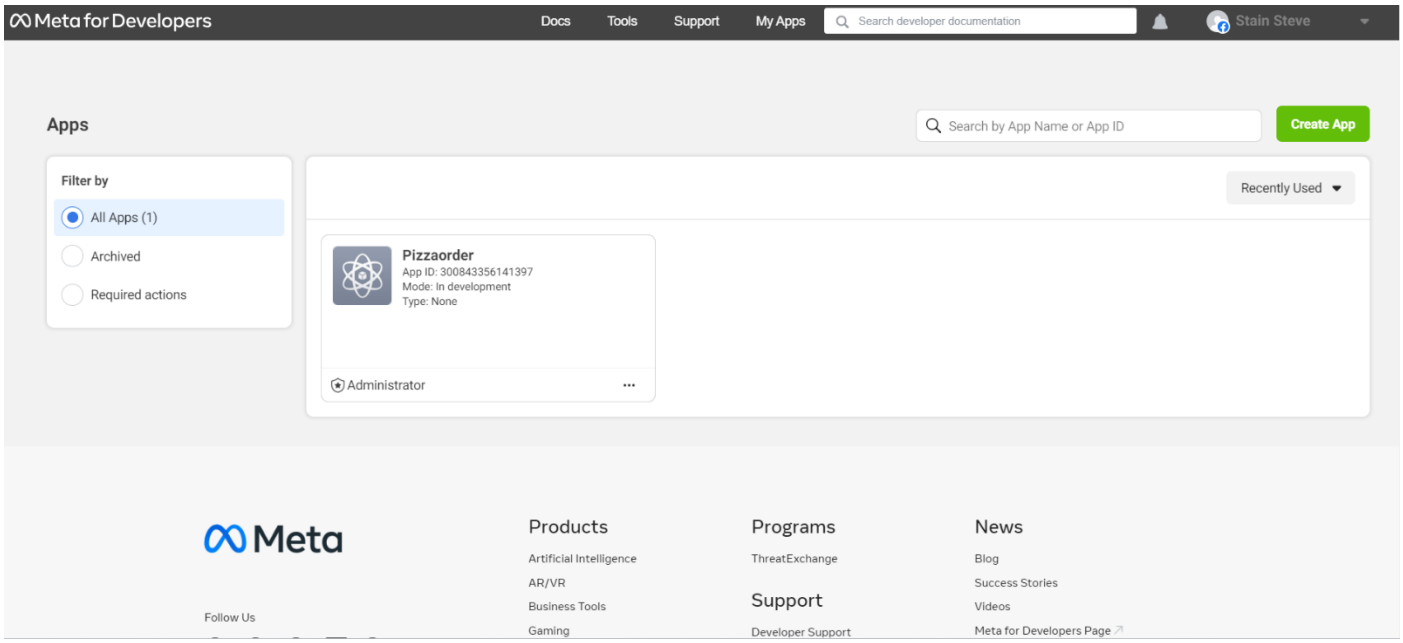
Building and Testing Lex Bot

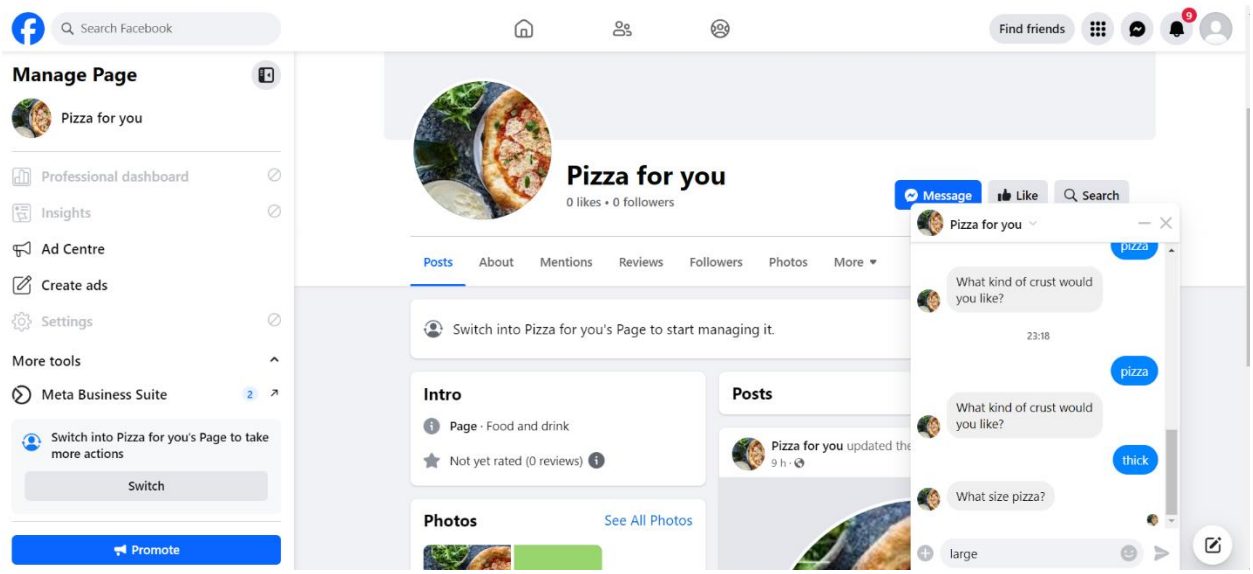
I then build the bot's intent and test it.

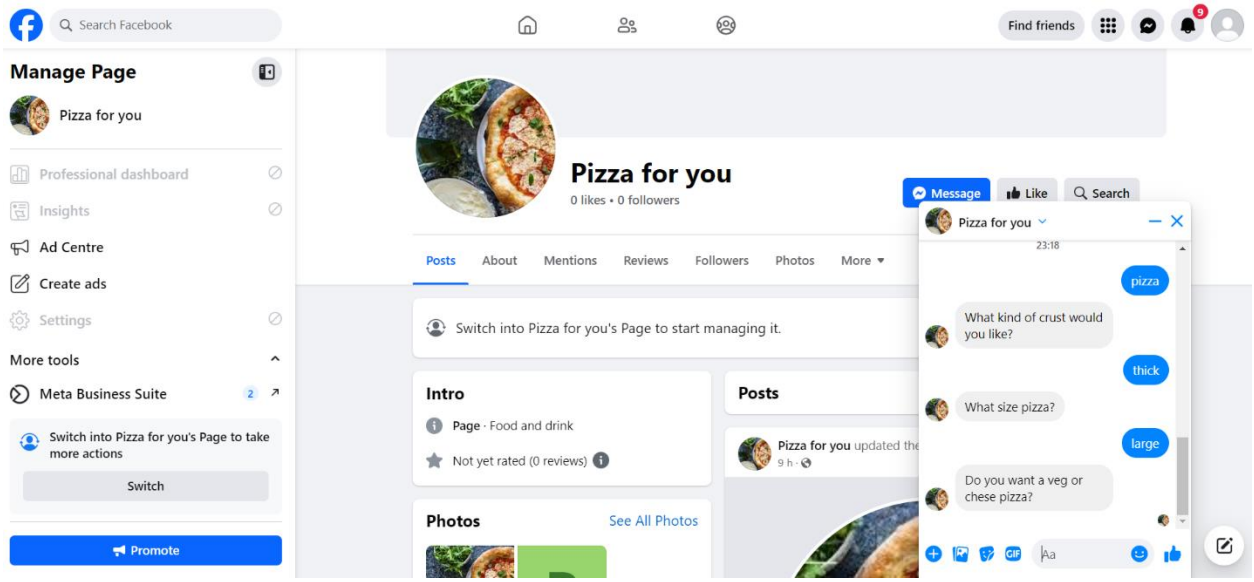


Integrated the Lex Bot using Facebook Messenger

I've created a Facebook page and named it "Pizza For You" to get things started. The Meta Developer platform has allowed me to further explore the realm of Facebook app development. I made a big move when I connected my app with the Messenger network once I had it created. I confirmed the token and supplied those private keys, creating a link between my Facebook profile and the Messenger service, to guarantee easy and safe communication. With smooth interactions and communication between your website and my audience made possible by this integration, I will be able to communicate with my consumers and spread the love of pizza to a wider audience.




Search Facebook
Find friends
Manage Page
Pizza for you
Professional dashboard
Insights
Ad Centre
Create ads
Settings
More tools
Meta Business Suite
Switch into Pizza for you's Page to take more actions
Switch
Promote
Pizza for you
0 likes • 0 followers
Message
Like
Search
Posts
About
Mentions
Reviews
Followers
Photos
More
Switch into Pizza for you's Page to start managing it.
Intro
Page · Food and drink
Not yet rated (0 reviews)
Photos
See All Photos
Posts
Pizza for you updated the
9 h ·
Pizza for you
What kind of crust would you like?
23:18
pizza
What kind of crust would you like?
thick
What size pizza?
large


Search Facebook
Find friends
Manage Page
Pizza for you
Professional dashboard
Insights
Ad Centre
Create ads
Settings
More tools
Meta Business Suite
Switch into Pizza for you's Page to take more actions
Switch
Promote
Pizza for you
0 likes • 0 followers
Message
Like
Search
Posts
About
Mentions
Reviews
Followers
Photos
More
Switch into Pizza for you's Page to start managing it.
Intro
Page · Food and drink
Not yet rated (0 reviews)
Photos
See All Photos
Posts
Pizza for you updated the
9 h ·
Pizza for you
23:18
pizza
What kind of crust would you like?
thick
What size pizza?
large
Do you want a veg or chese pizza?
Aa