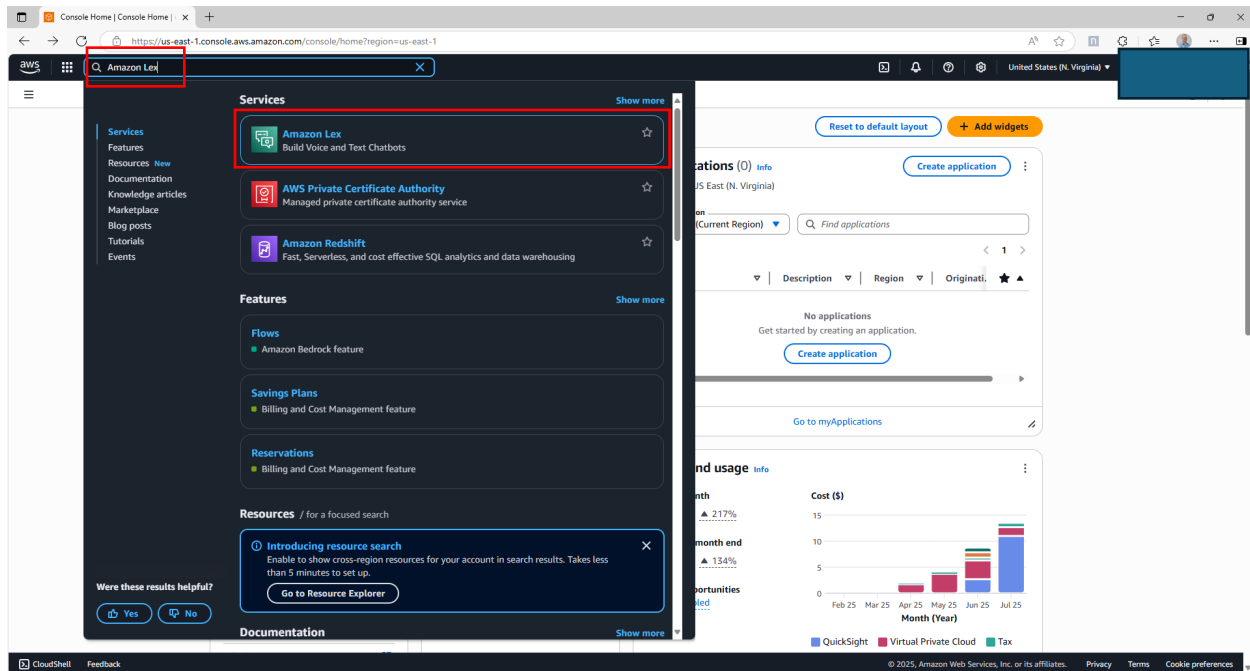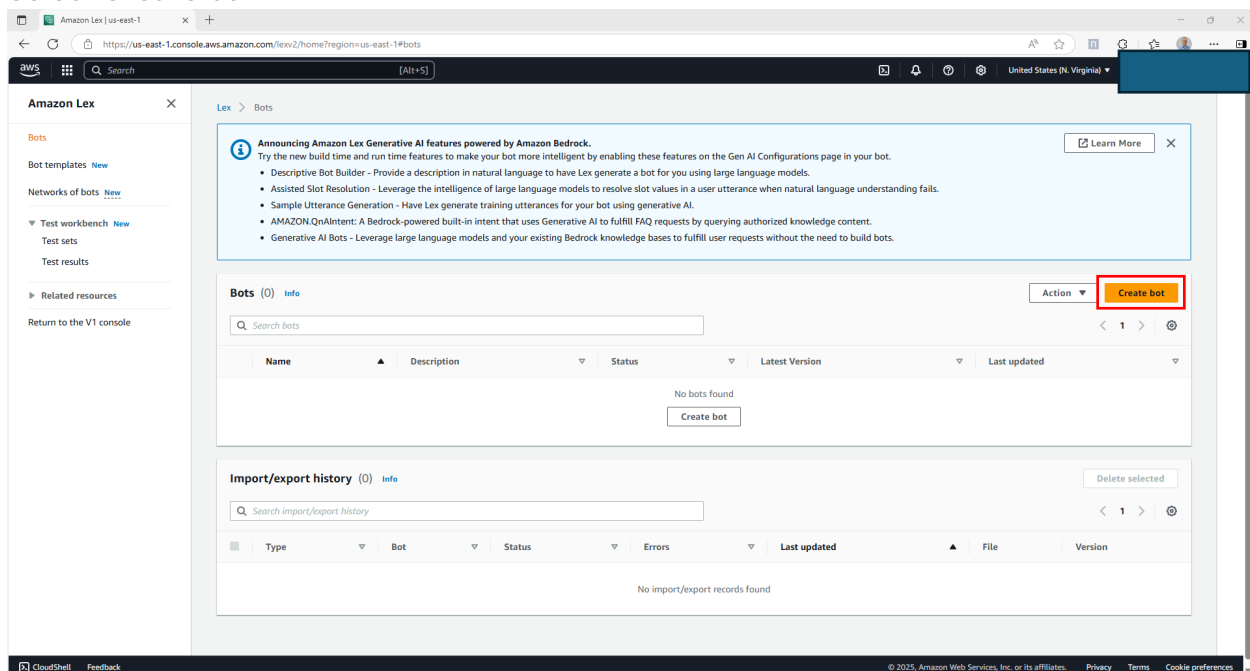Log into AWS Console

Enter **Amazon Lex** in search bar

Select **Amazon Lex** under **Services**

Select **Create bot**

Under Bot name, enter **HotelBookingBot**

Under IAM permissions, select **Create a role with basic Amazon Lex permissions**
Under **Children's Online Privacy Protection Act (COPPA)**, select **No**

Scroll down, select **Next**

Under **Select Language**, select dropdown for **English
Voice interaction,** select **Danielle** (or preferred voice)

Scroll down, select **Done**

Under Bots, select **HotelBookingBot**

Select **Intents**

Select **Add Intent**

Select **Add empty intent**

Intent name, enter **BookHotel**
Select **Add**
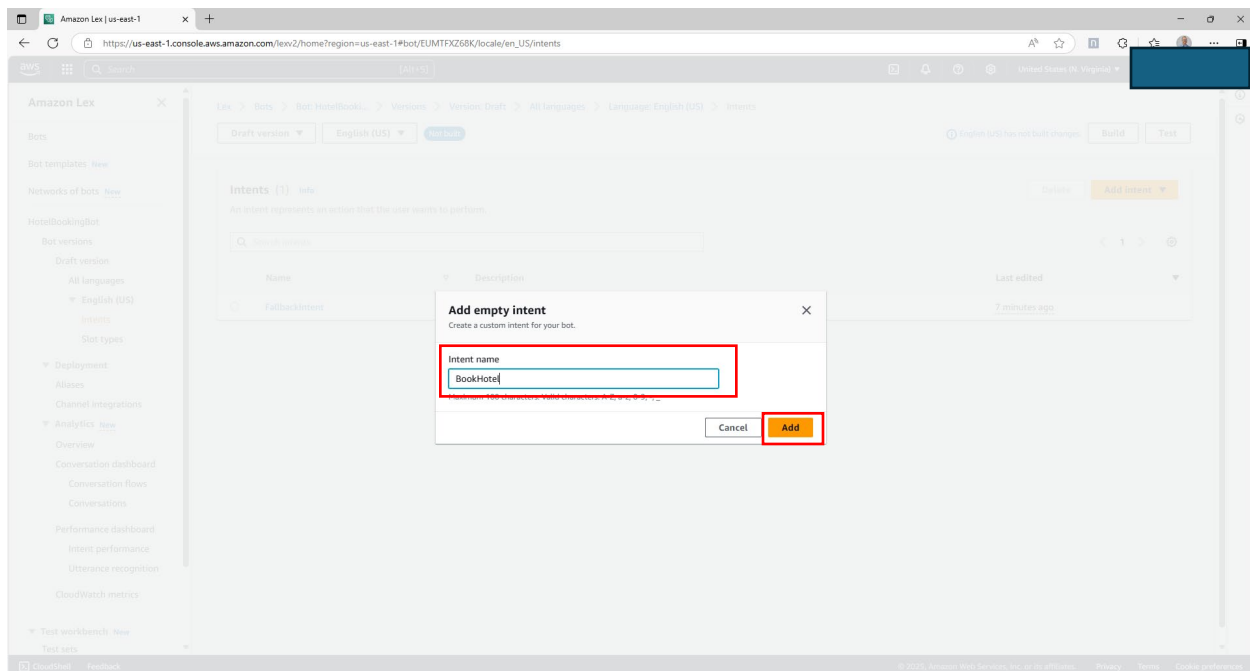
Scroll down to **Sample utterances**

Enter utterances, such as **I want to book a hotel**, **Reserve a room**, **Can I get a hotel in Dallas**

Select **Add utterance**

Scroll down to **Slots**
Select **Add slot**

Under Name, enter **Location**
Under **Built-in slot types,** select **AMAZON.City**

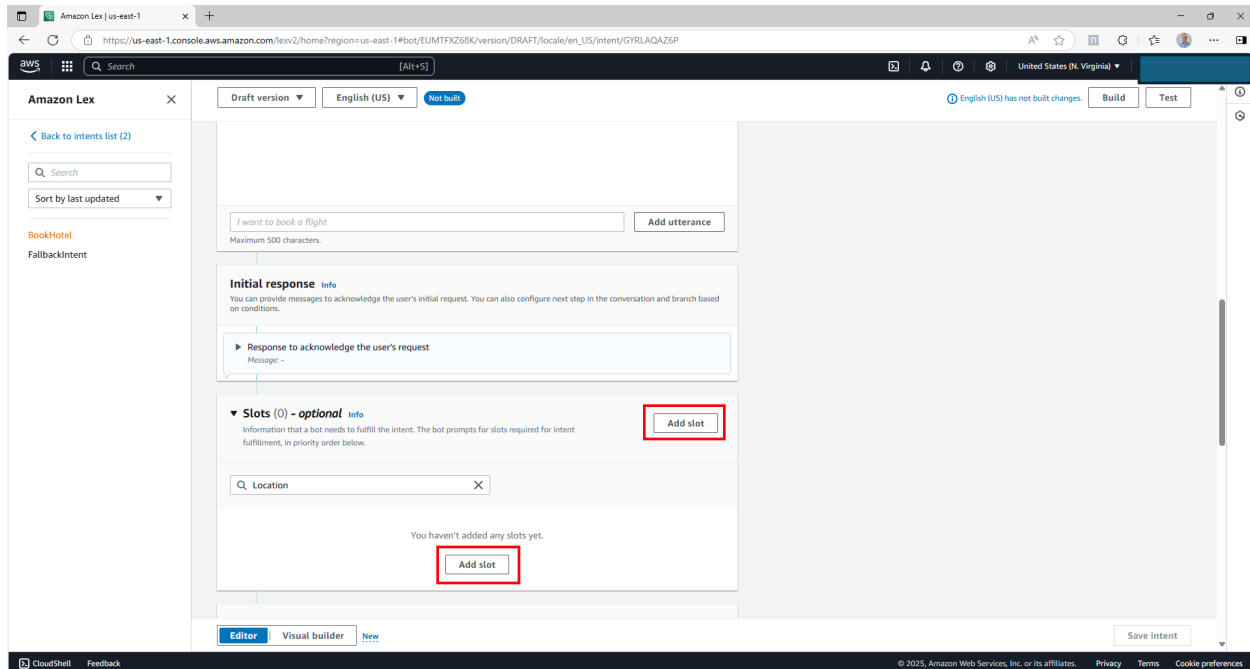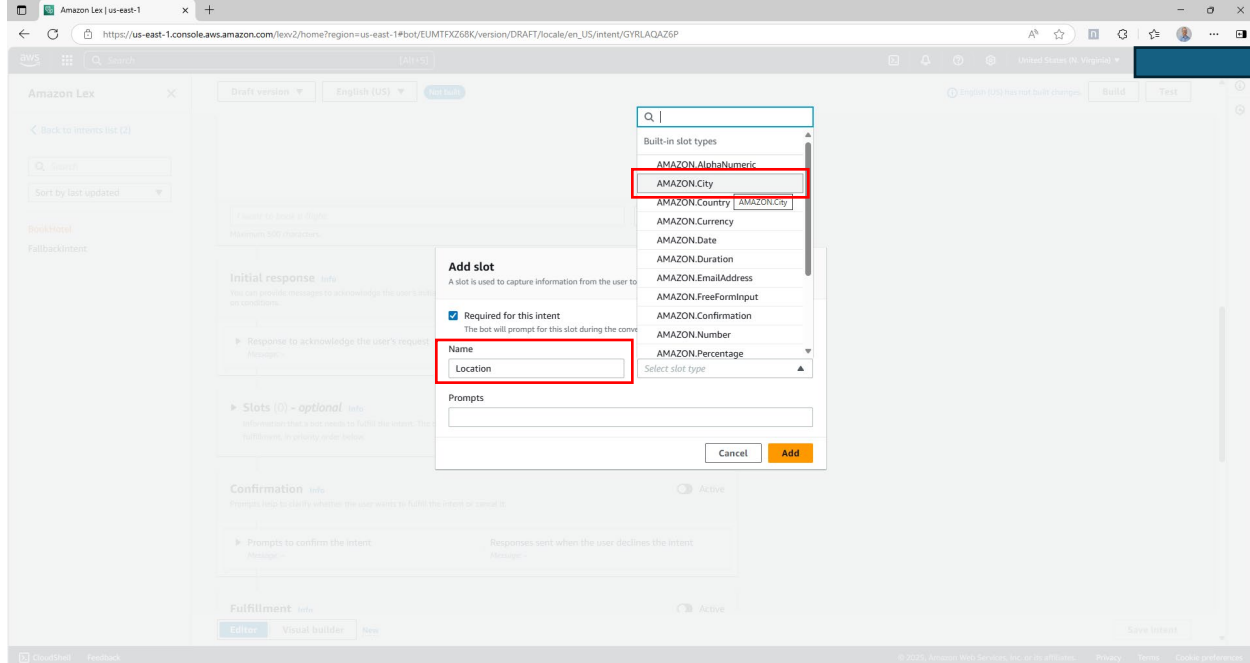Enter prompt **What city are you staying in?**
Select **Add**
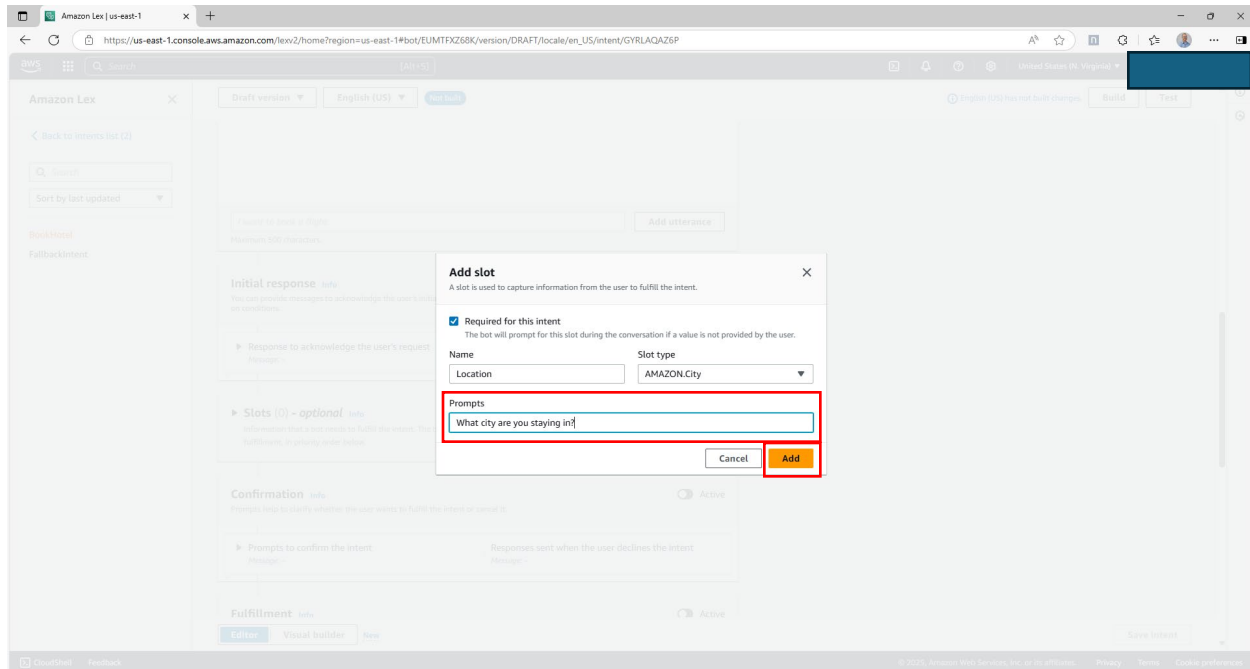
All slots added
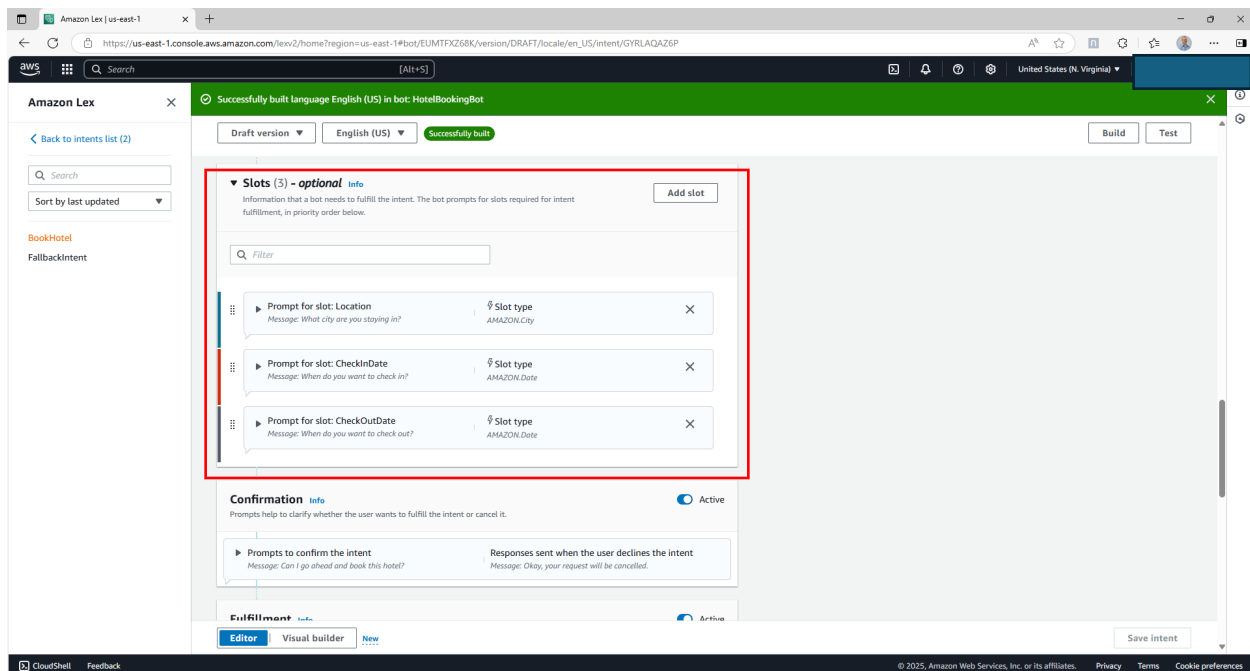
Scroll down under Fulfillment

On successful fulfillment, enter **Return parameters to client**

Under **Closing response**, enter "**Thanks! I have booked your room in {Location} from {CheckInDate} to {CheckOutDate}.**"

Select **Visual builder** to check process
Select **Save Intent**
Select **Build**

Select **Test**

Test Draft version

Last build submitted:
41 minutes ago

[Inspect]

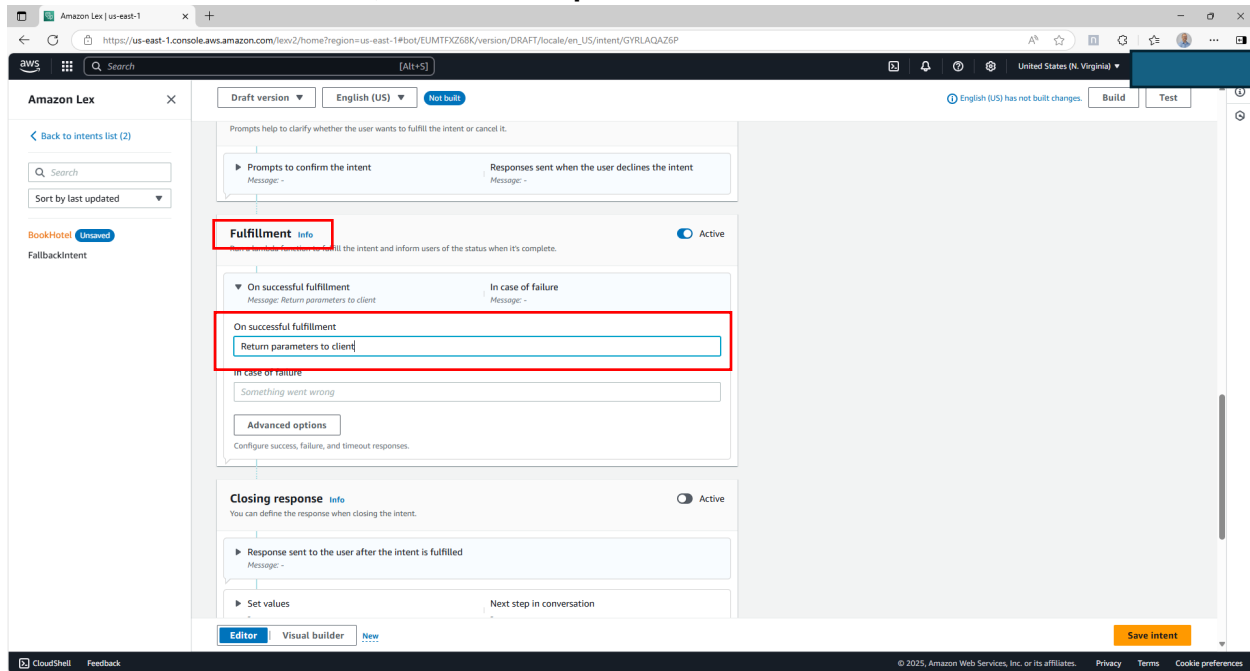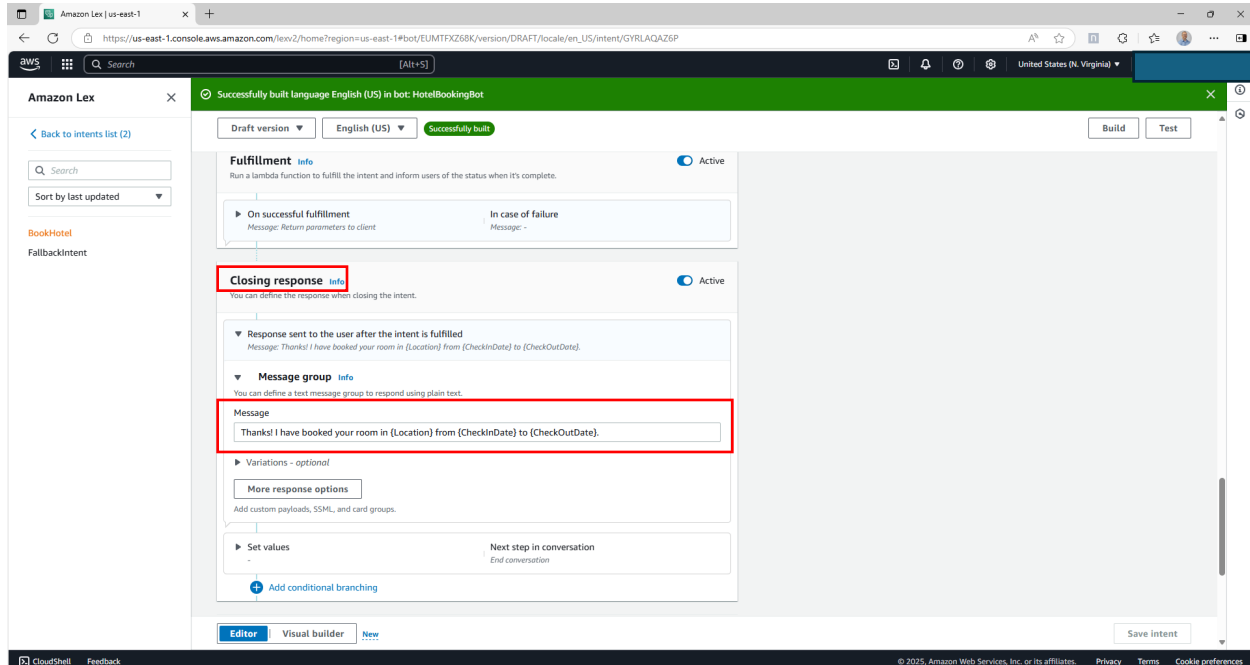> I want to book a hotel

What city are you staying in?

> Dallas

When do you want to check in?

> July 16

When do you want to check out?

> July 18

Can I go ahead and book this hotel?

✓ Ready for complete testing

🎤 Type a message

[Save intent]

Had to troubleshoot a few errors.

1) "Invalid Bot Configuration: Invalid slot name Location specified in next step."
   a. Slot names are case sensitive
   b. Adjust names to match the closing response
2) "Missing required key 'sessionId' in params"
   a. Under **Initial Response**, ensure to select **Advanced Options**,
   b. Expand **Dialog code hook**, unselect **Invoke Lambda function**