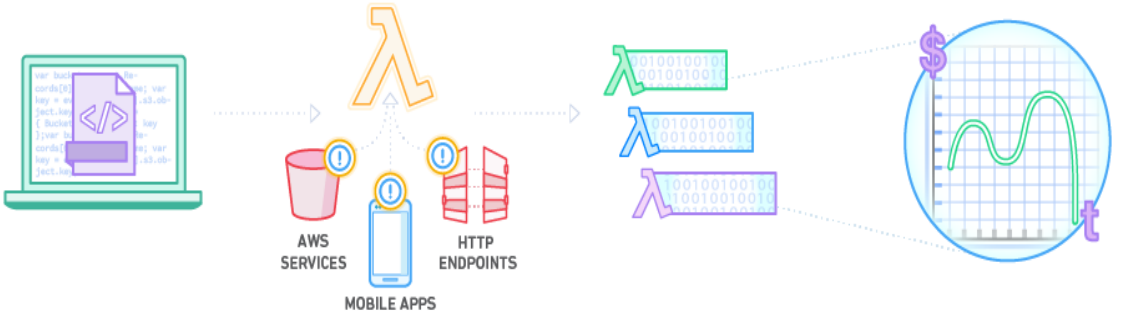
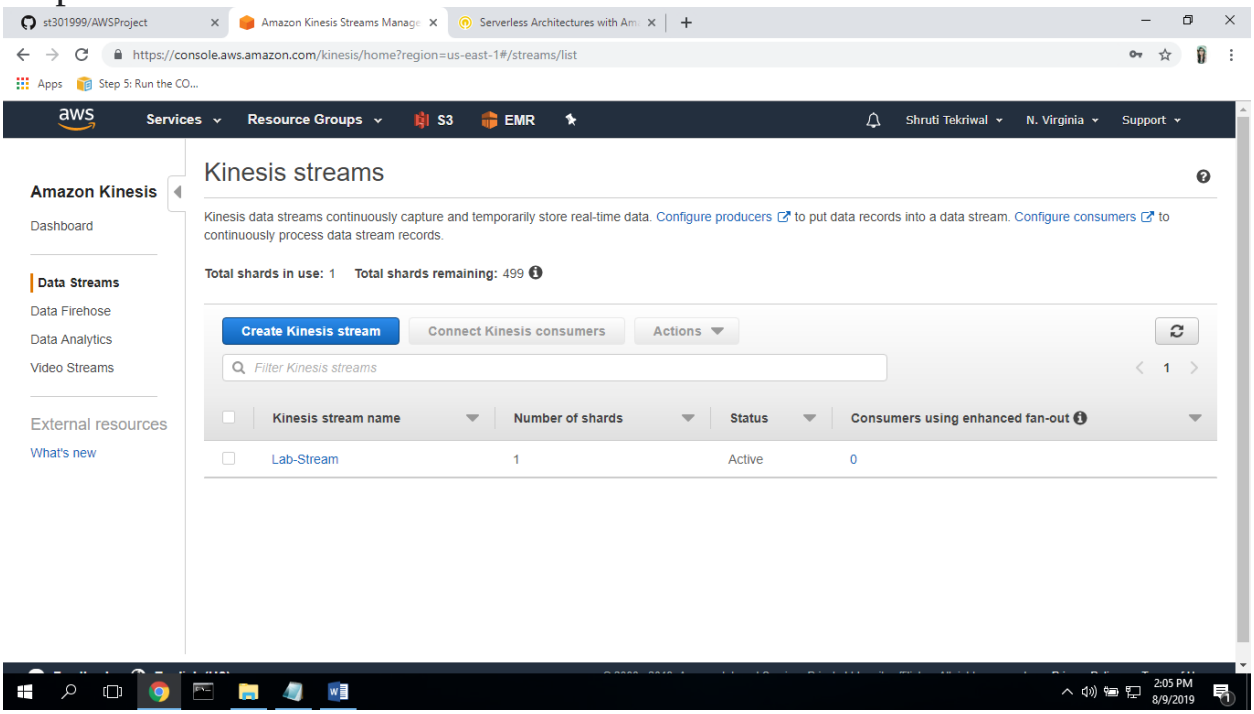
AWS Final Project

Submitted By : Shruti Tekriwal

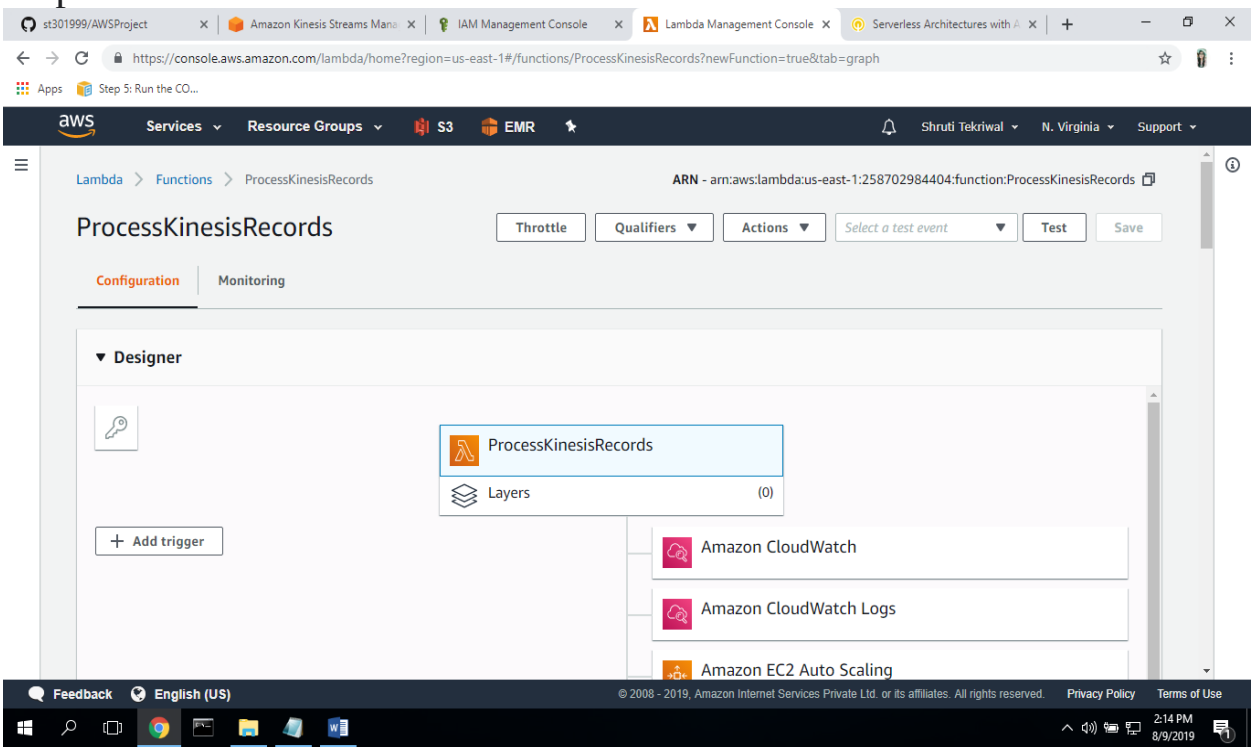
Serverless Architectures with Amazon DynamoDB and Amazon Kinesis Streams with AWS Lambda.



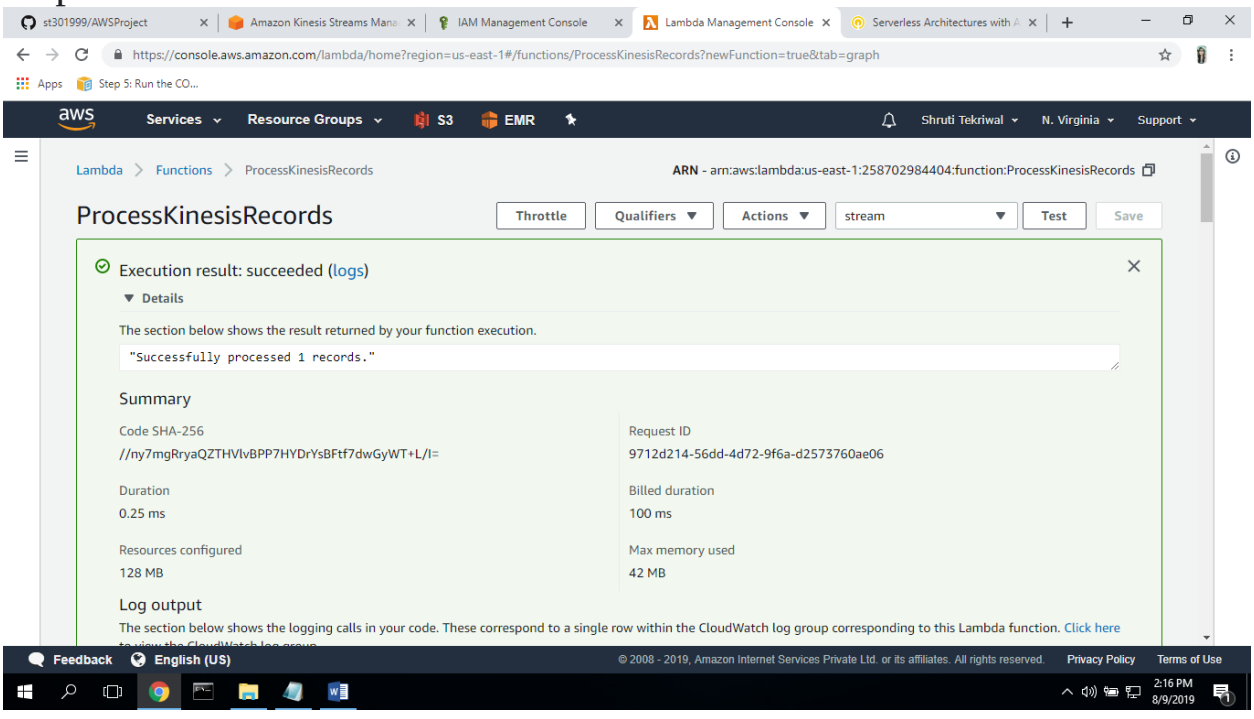
Step 1 : Create an Amazon Kinesis Stream.

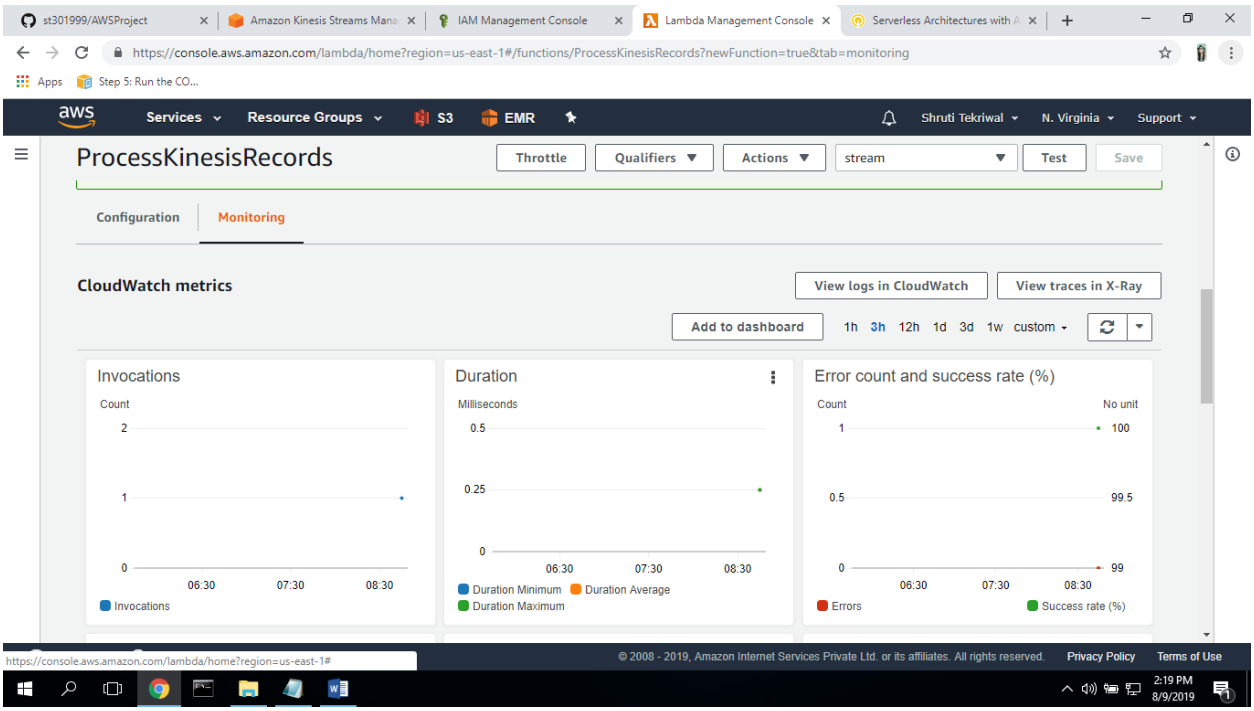


Step 2 : Create a Lambda function.

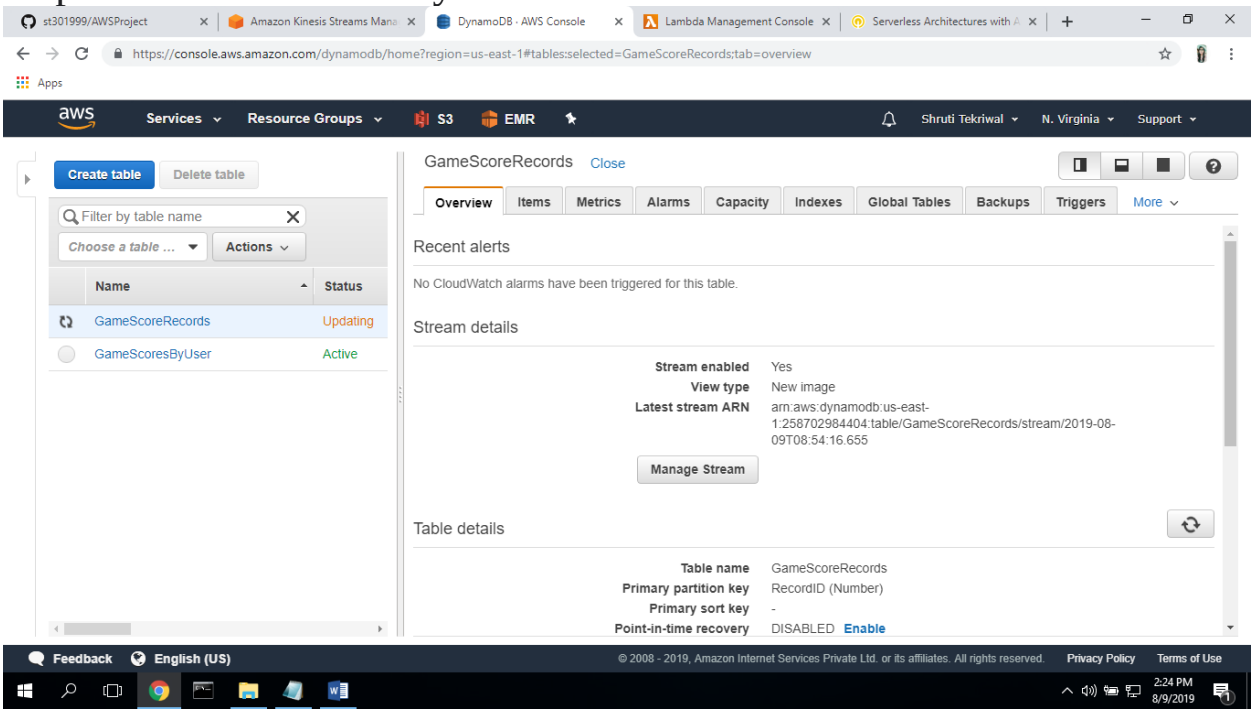


Step 3 : Test the function.

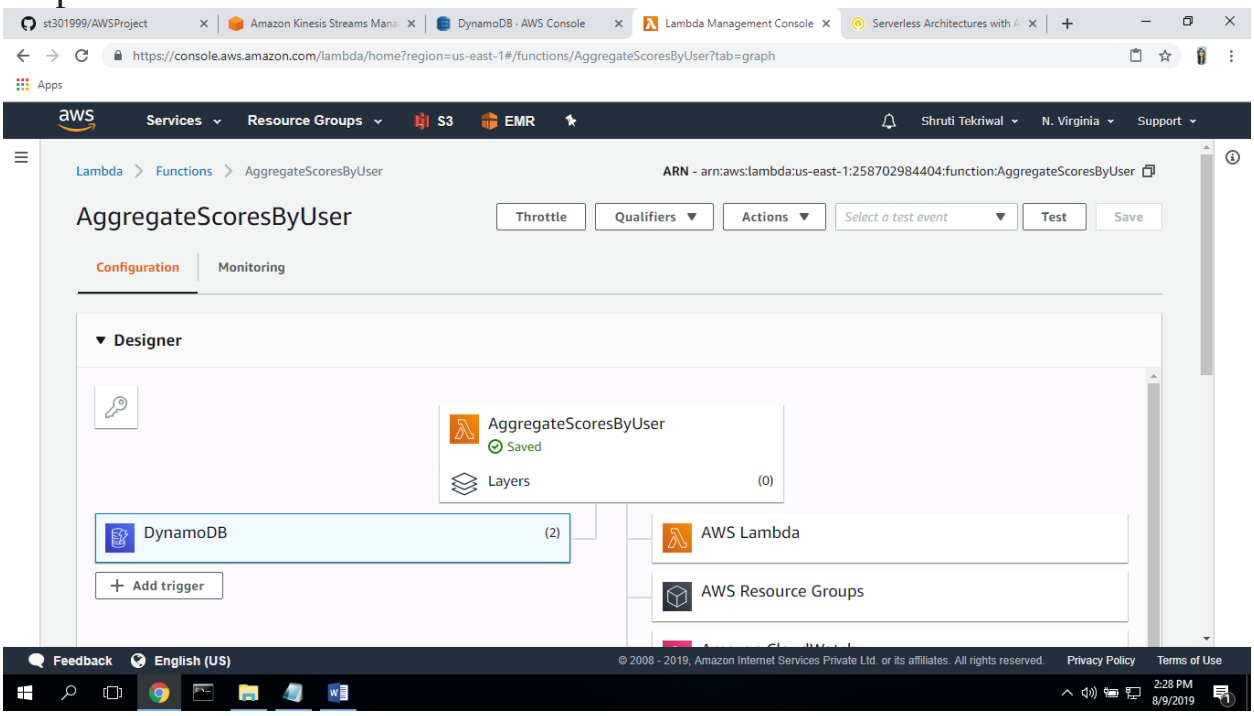


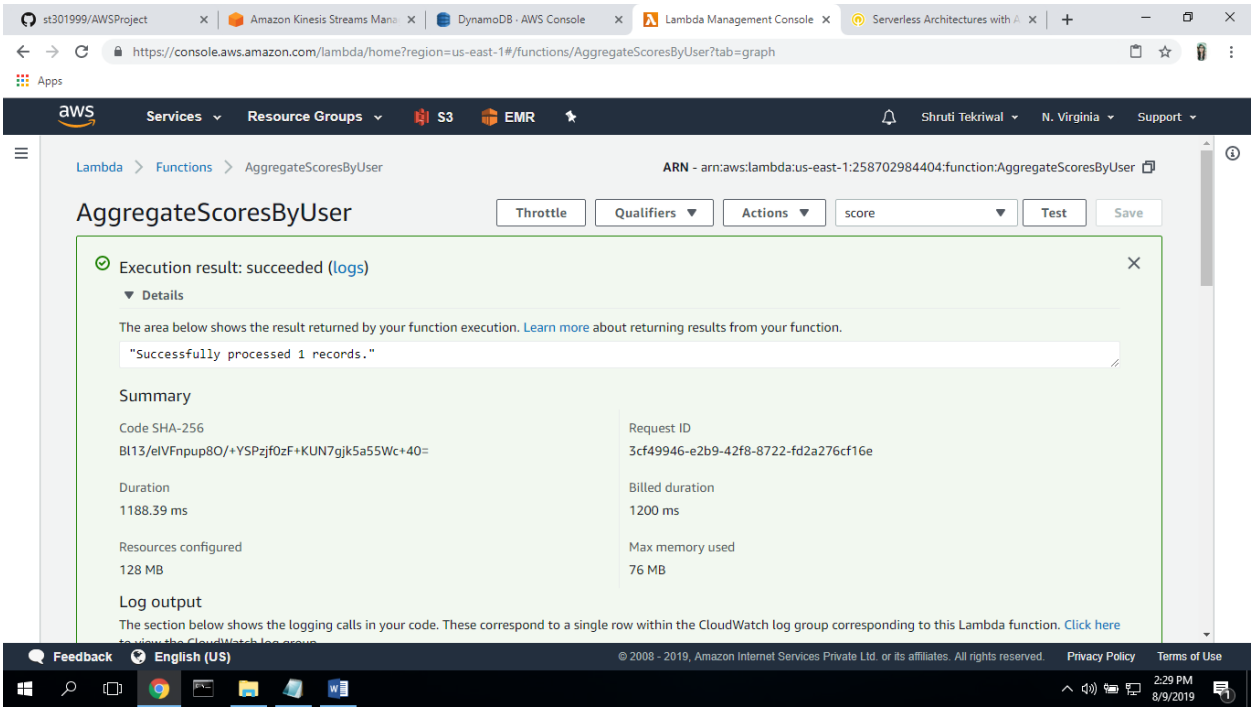


Step 4 : Create tables in DynamoDB.

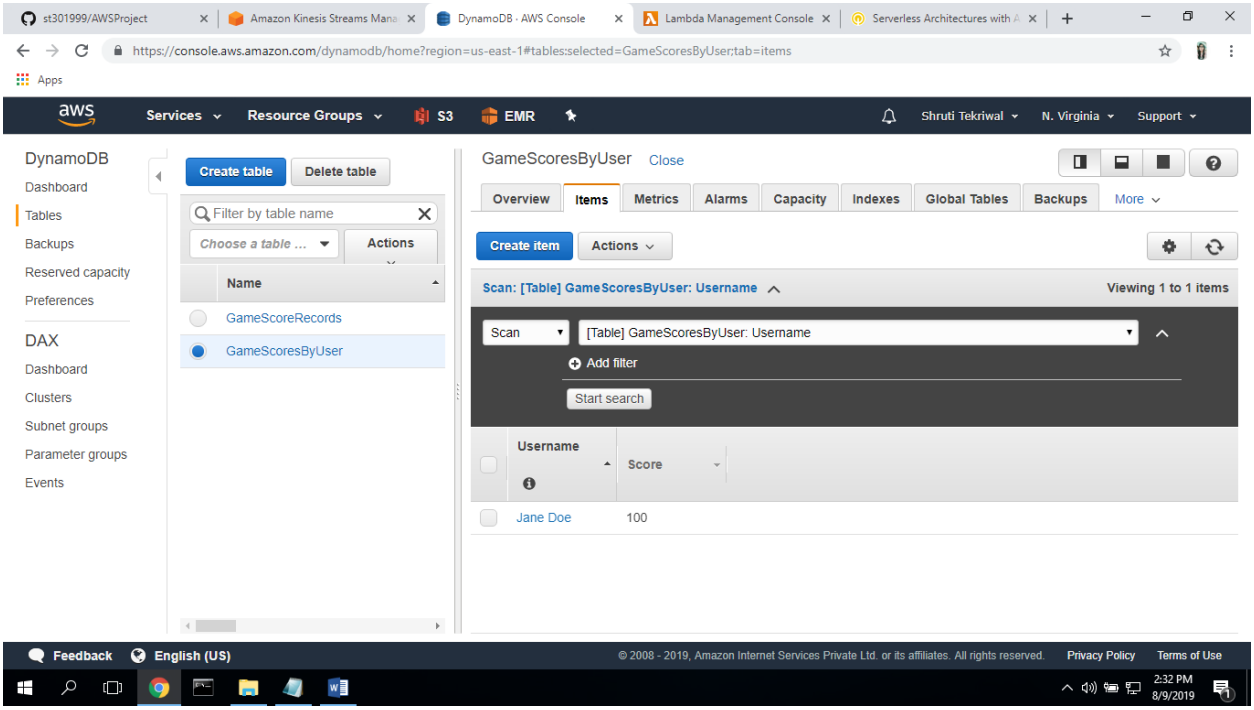


Step 5 : Create a Lambda function.



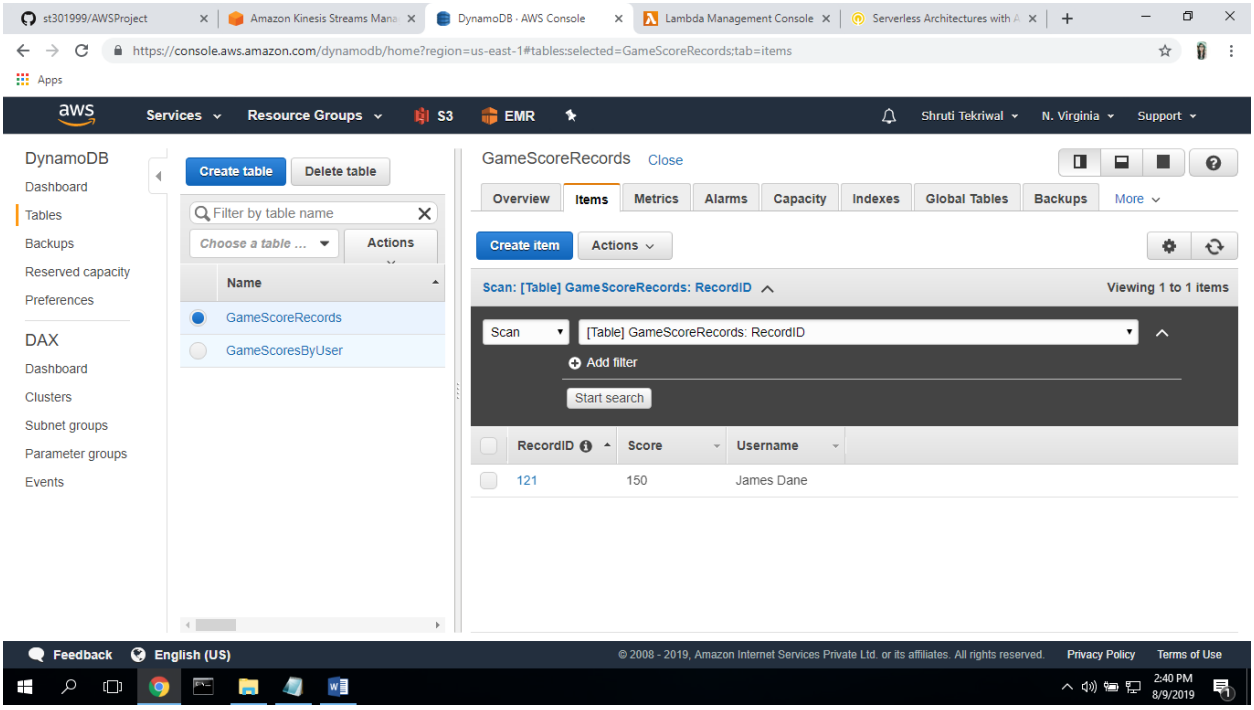


Now, we have to verify DynamoDB that the data was updated in the table.



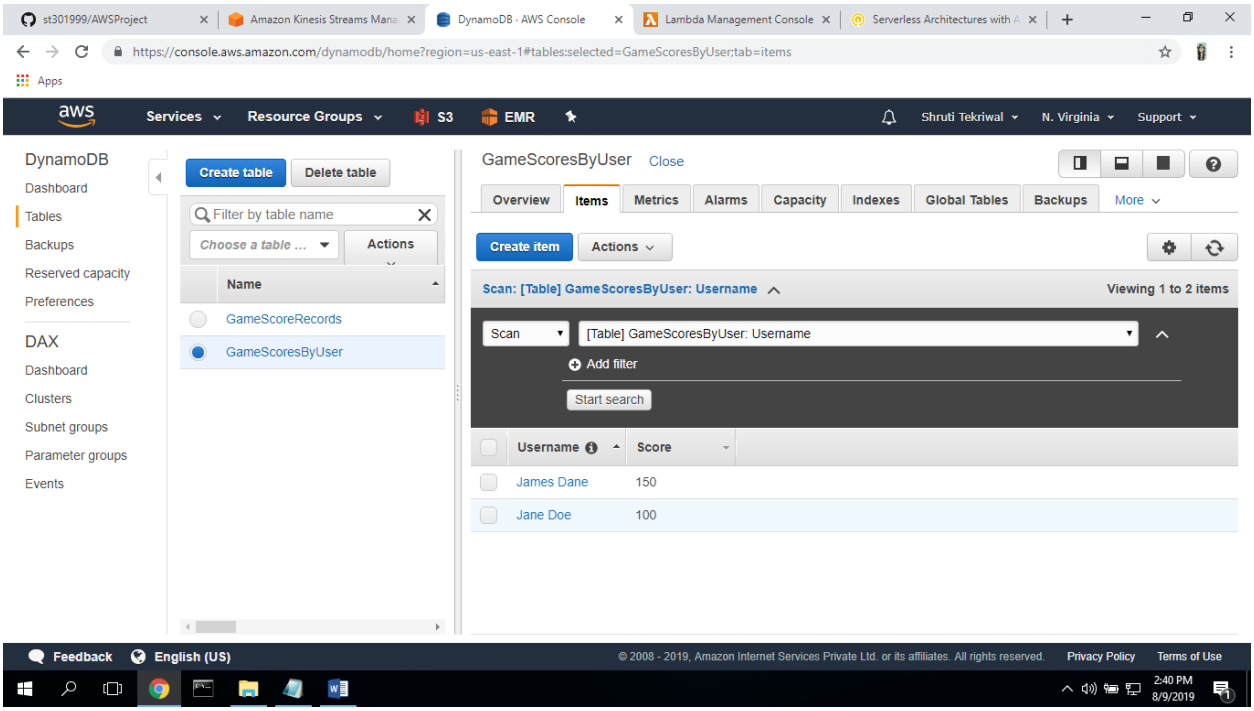
This table was previously empty when we created, but now we have an entry for *Jane Doe*.

Now, we have to trigger the update by inserting values in the score table, and confirming that the lambda updates the User table.



Here, we added the item in the GameScoreRecords Table.

We can see the new data added to the user table.



CONCLUSION :

1. Created a Lambda function from blueprint.
2. Created the Amazon Kinesis stream and used it to trigger the lambda function.
3. Used cloudwatch to monitor the function.
4. Created Amazon Dynamodb table and inserted sample data.
5. Enable Amazon Dynamodb stream.
6. Tested and enabled the Lambda Function on an Amazon Dynamodb table.