**AWS Advanced Projects (Day11 – Day12)**

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Task 1: Working with SNS

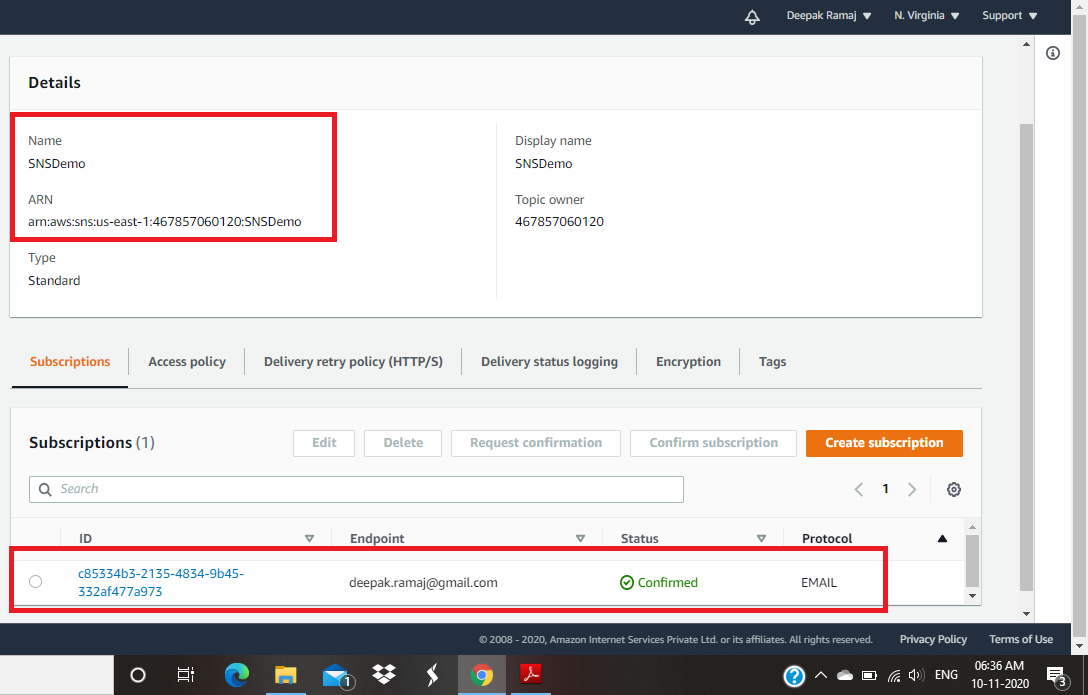


Fig. 1.1 SNS console

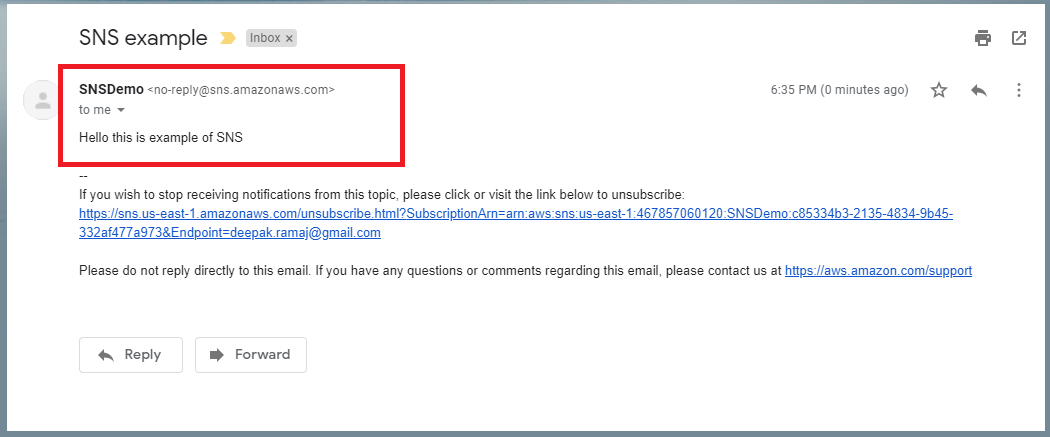


Fig. 1.2 Inbox with published message

Task 2: Working with SQS

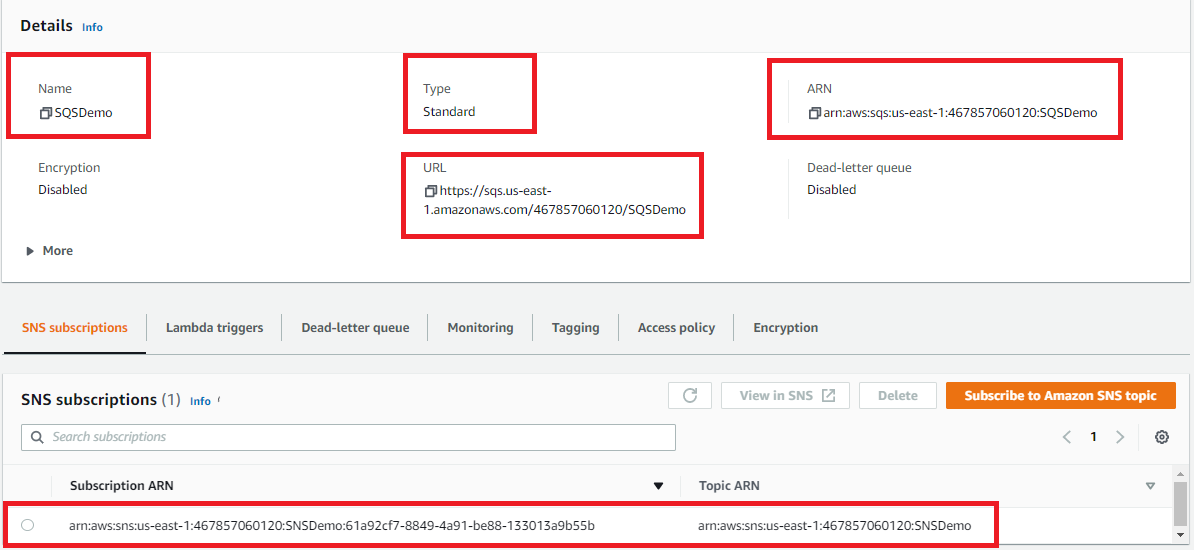


Fig. 2.1 SQS console

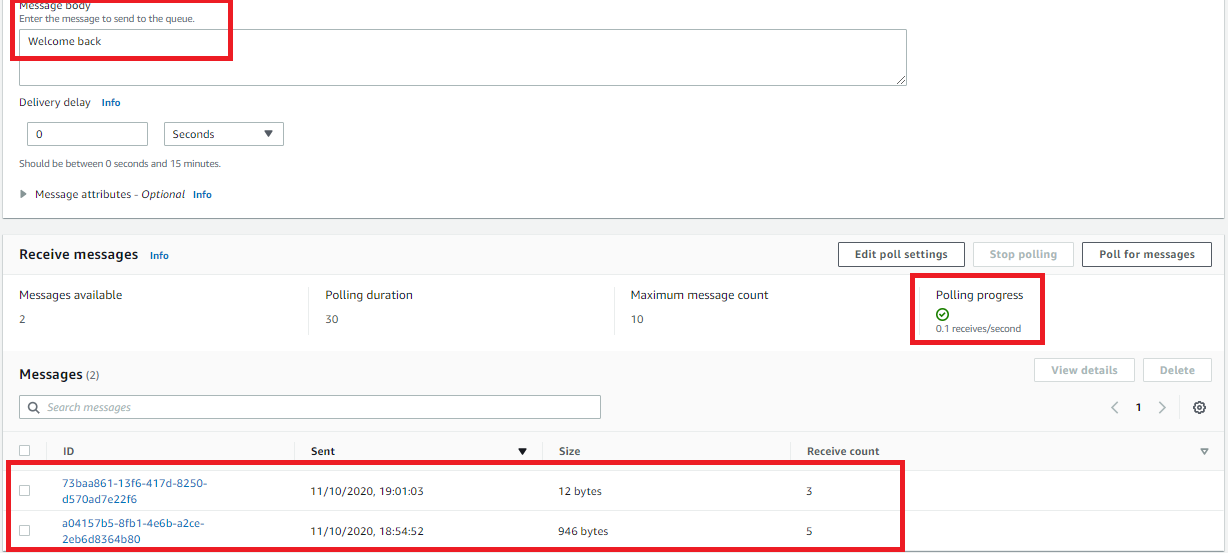


Fig. 2.2 Polling message

Task 3: Working with SES

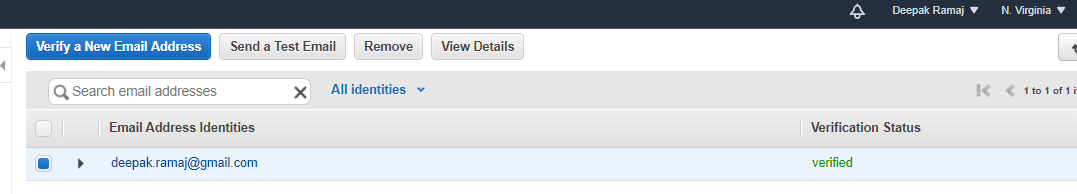


Fig. 3.1 Verification of eMail

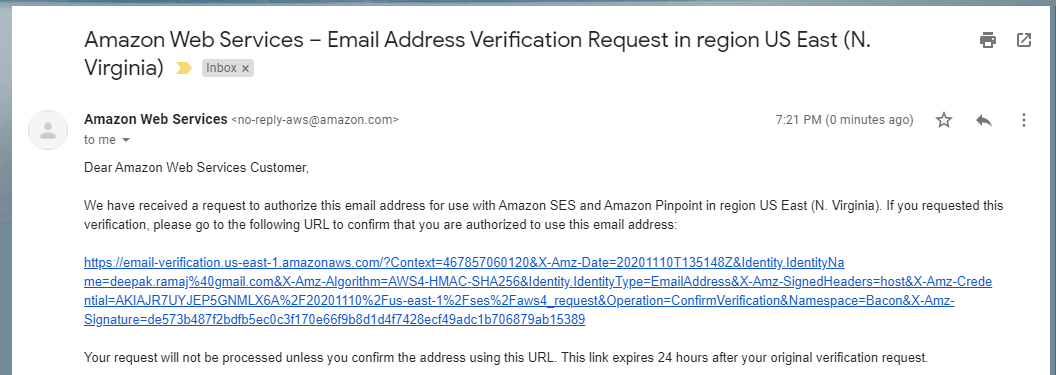


Fig. 3.2 eMail Inbox

DynamoDB Database

Task 1: Create a dynamo db table with minimum two disaster recovery zones and verify replication.

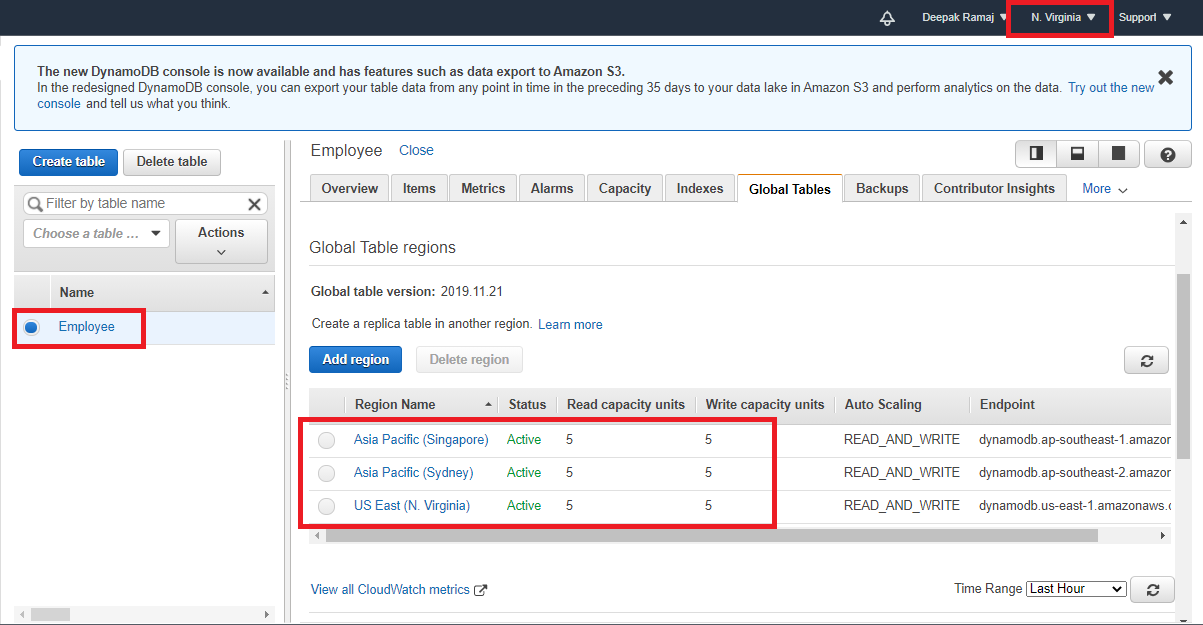


Fig. 1.1 Disaster Recovery Regions

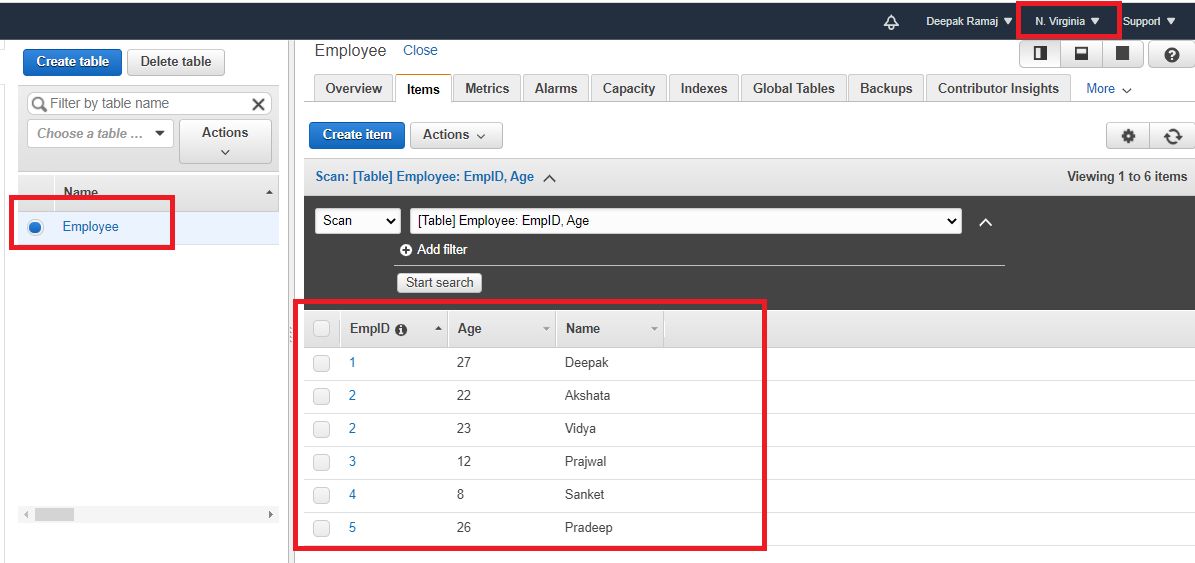


Fig. 1.2 Home region with item displayed

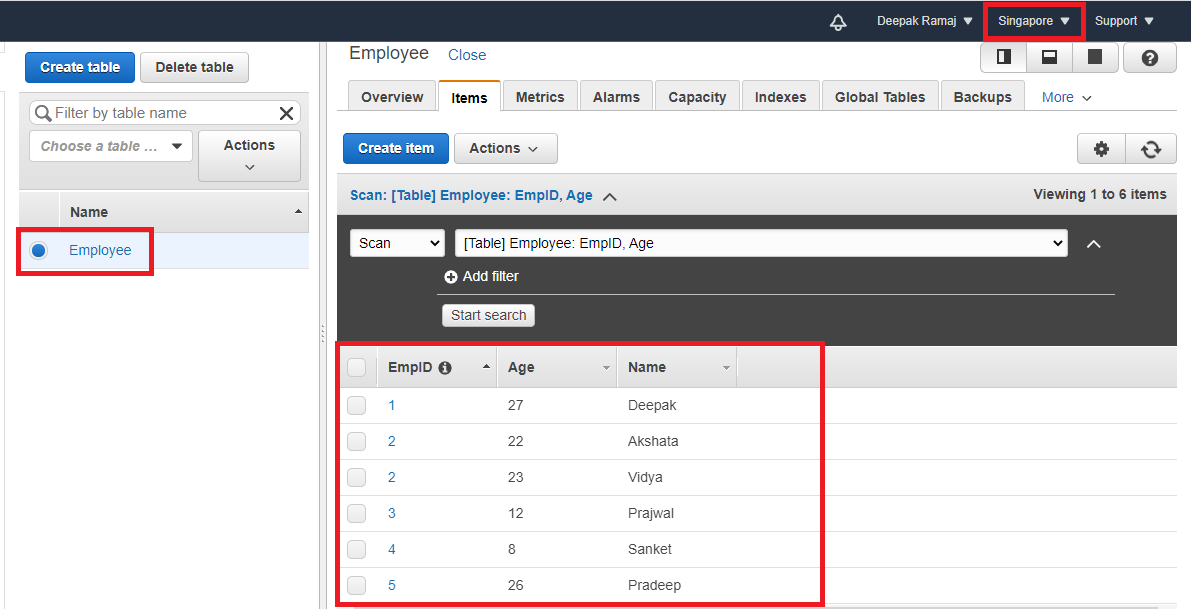


Fig. 1.3 Singapore region with item displayed

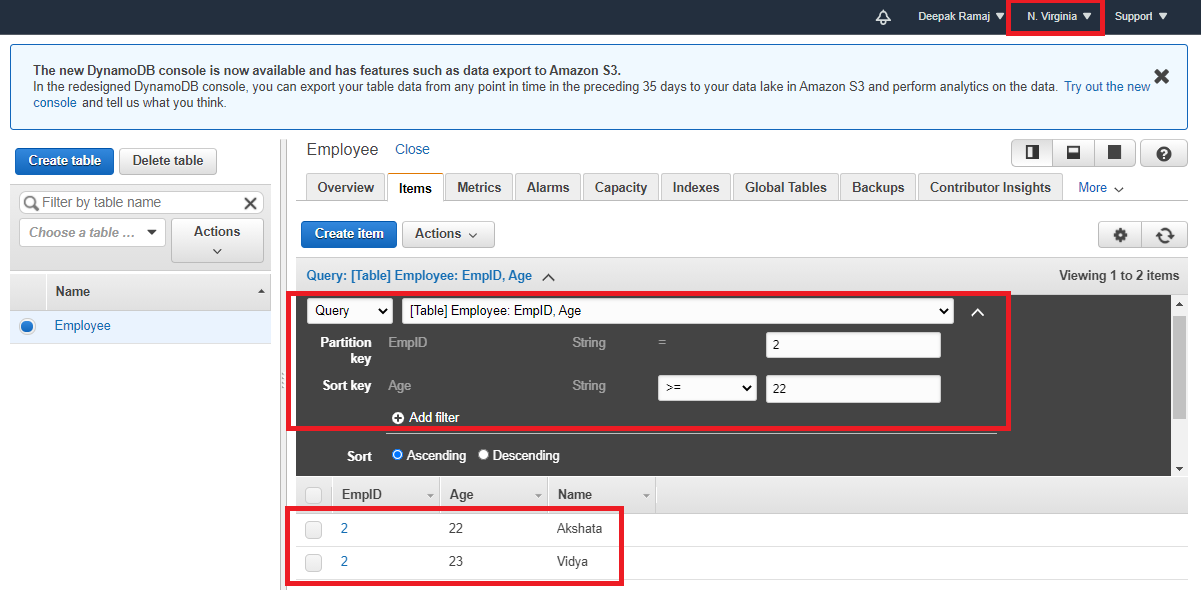


Fig. 1.4 User query to fetch items

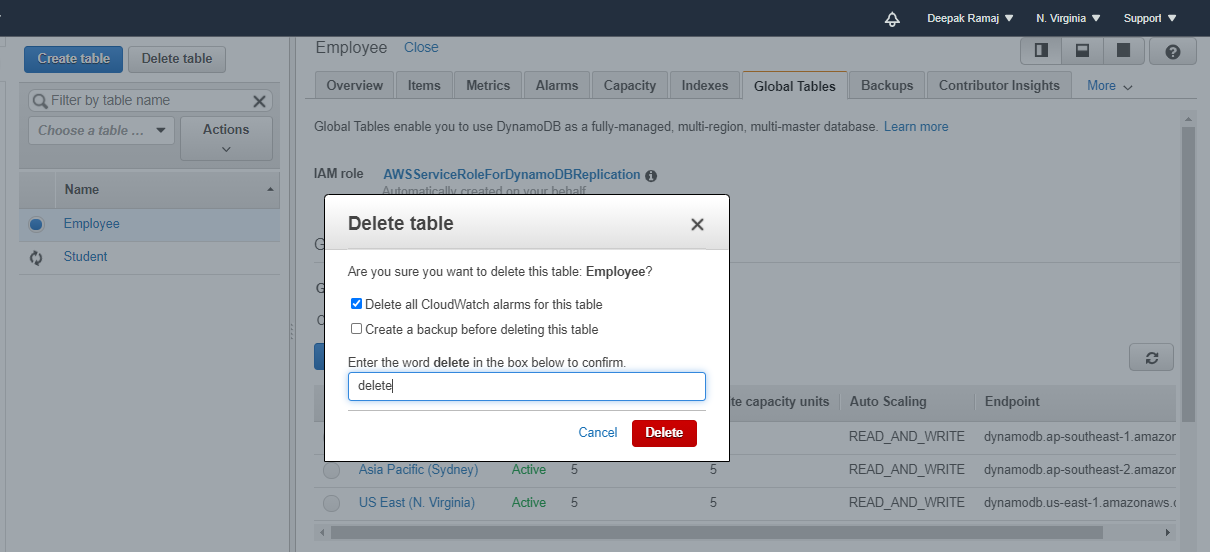


Fig. 1.5 Deletion of table

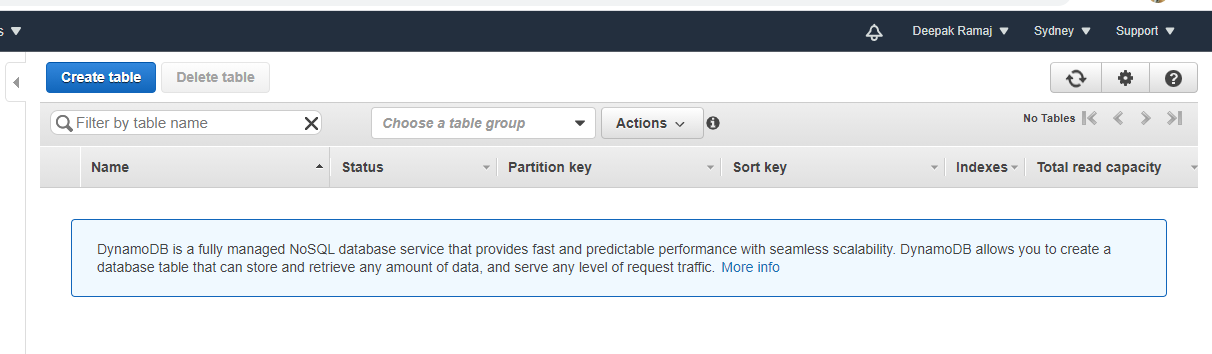


Fig. 1.6 Verification of table

Task 2: Creating a dynamo DB table with global secondary indexes and fetching data using global secondary indexes.

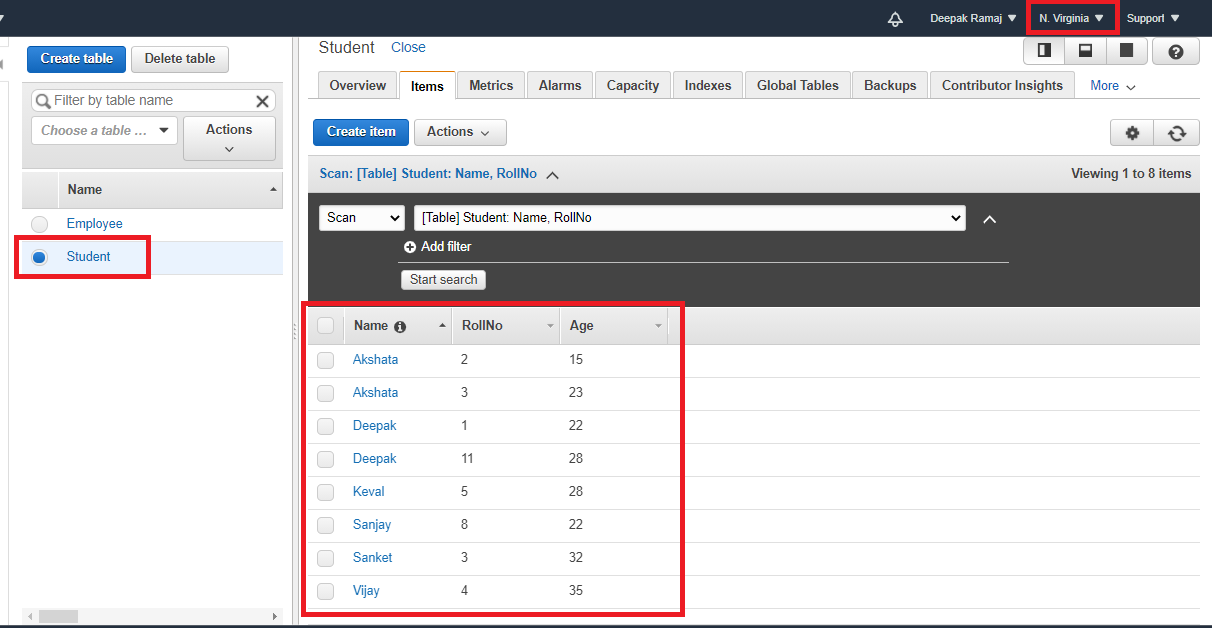


Fig. 2.1 Tables with items displayed

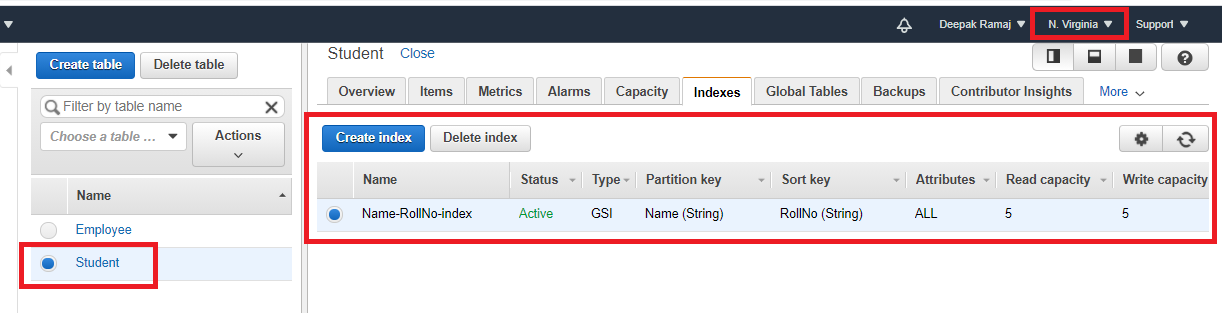


Fig. 2.2 Global Secondary Index (GSI)

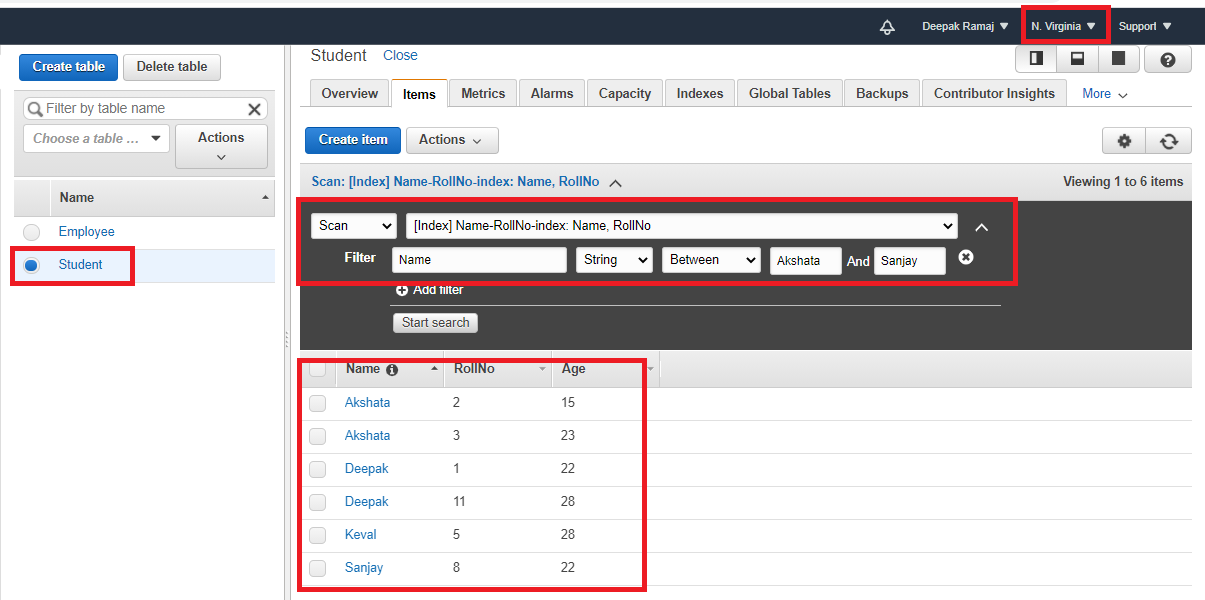


Fig. 2.3 Scan with Global Secondary Index (GSI)

Task 3: Deploying a python application in elastic beanstalk

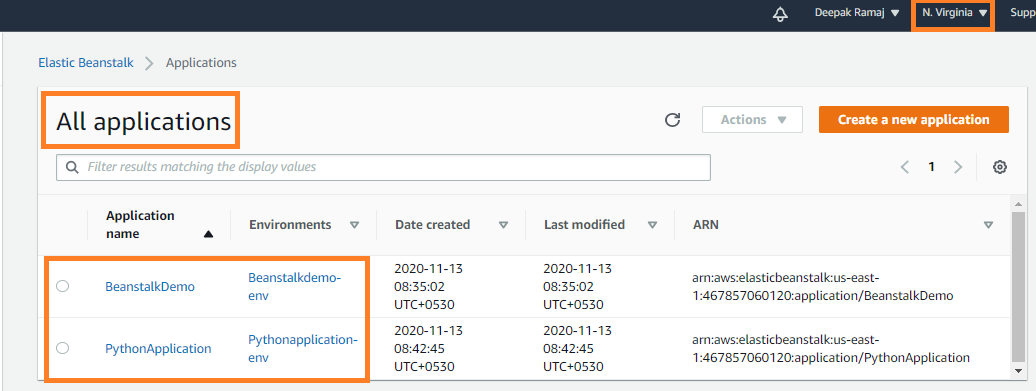


Fig. 3.1 Application page

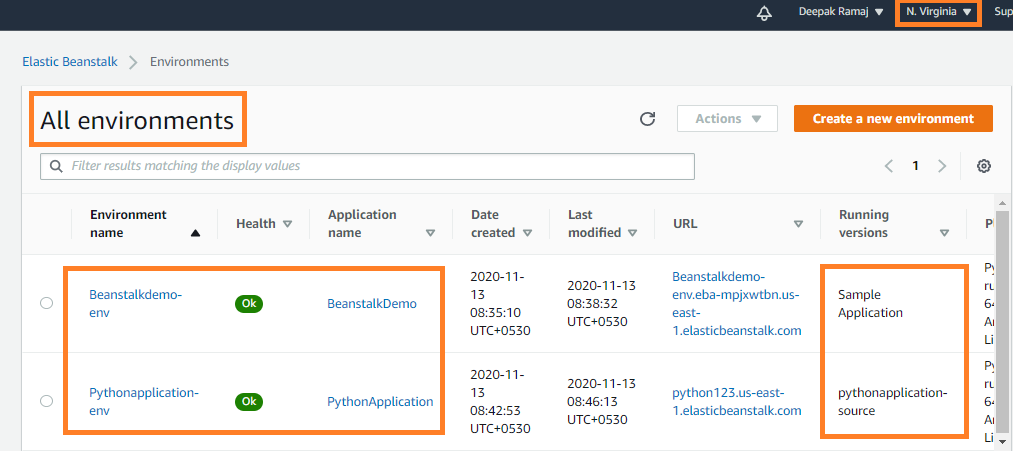
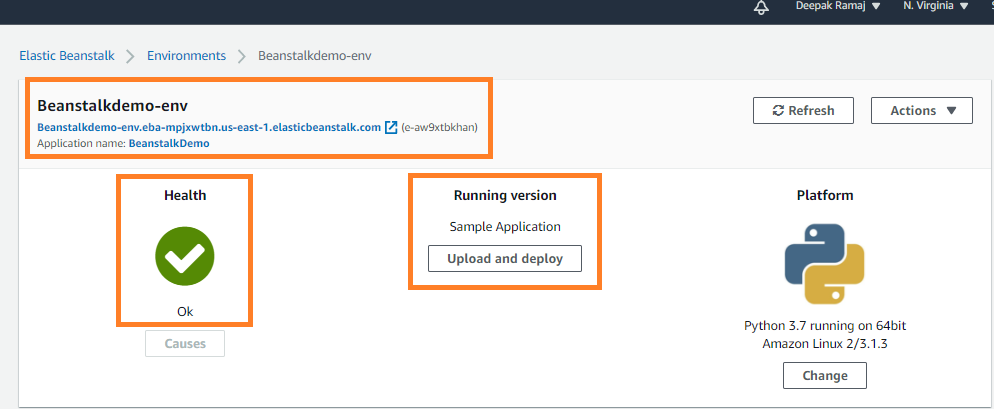


Fig. 3.2 Environment list page



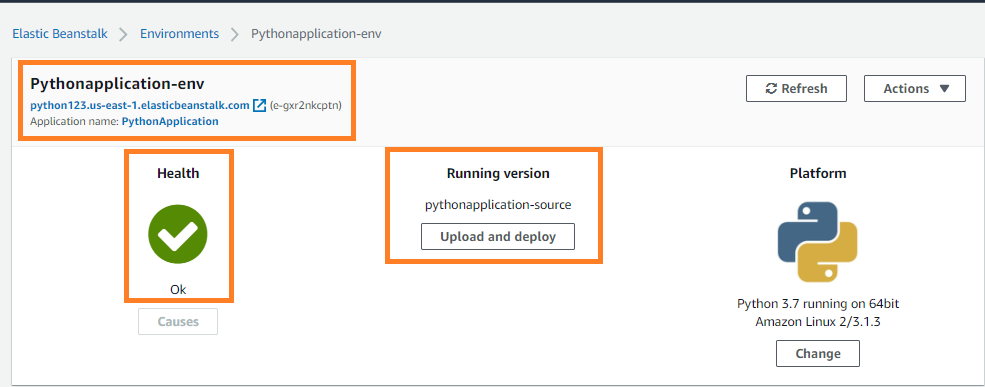


Fig. 3.3 Environment health check

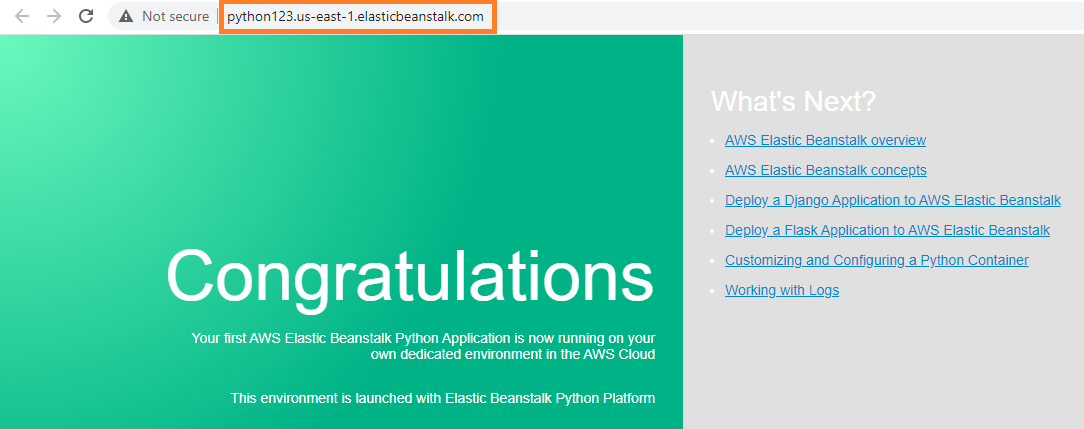


Fig. 3.4 Web page launched using the elastic beanstalk env