Course Name: Building Modern Python Applications on AWS

Name: Towshik Anam Taj

ID: 21366026

Course Outcomes:

1. Building a serverless back-end using AWS (Amazon Web Services) cloud-native tools and services

2. Knowing how to build and host APIs on AWS

3. Exploring how to build an API driven application using Amazon API gateway for serverless API hosting

4. AWS Lambda for serverless compute, and Amazon Cogneto for serverless authentication

5. An API driven development process is followed at first, then marked up what the API will look like

6. Adding authentication to the API using Amazon Cogneto

7. Learning how the authorization flow works with Cogneto and how to build it into the APIs

8. Learning about the different configurations that exist for Lambda, and how to create and manage Lambda functions

9. Learning how to use AWS step functions to create a serverless workflow

10. Learning how to optimize the APIs at every layer using featuews in AWS