**IFT 458/598: Middleware Prog & Database Security**

Anurag Shahare

Module 4 Assignment: Setting up MongoDB in Cloud

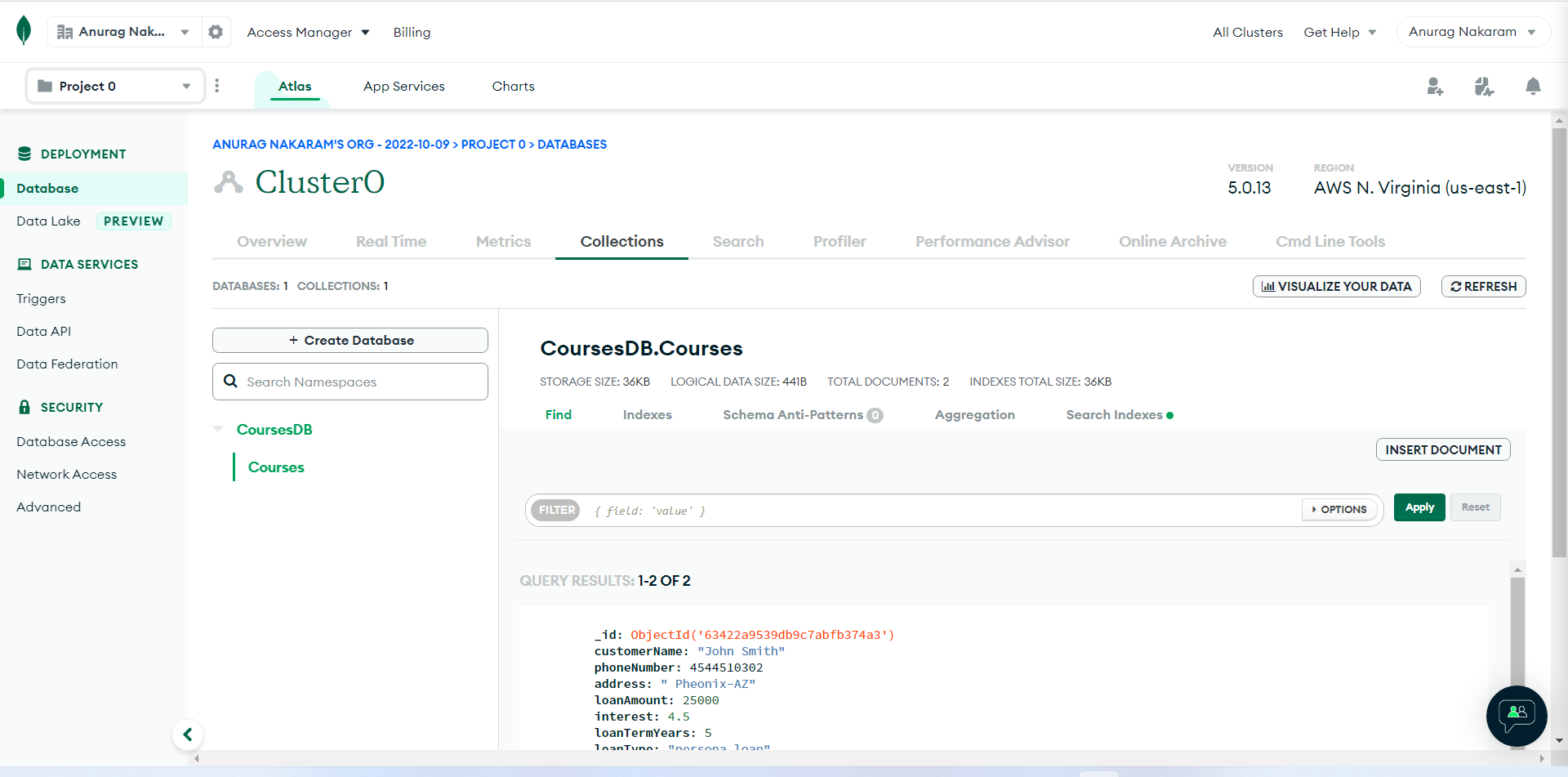
Dinesh Sthapit

October 8, 2022

Git: <https://github.com/AnuragShahare/M4A1-Setting-up-MongoDB-in-Cloud->

**Step 1:**

Created database and inserted data to collection:

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**Step 2:**

Installed node modules:

Text

Description automatically generated

**Step 3:**

Created a Folder named "schemas". And then, create a file "loanSchema.js

**Text

Description automatically generated**

**Step 4:**

**Schema:**

Everything in Mongoose starts with a scheme. Each schema is associated with a MongoDB collection and defines the format of the documents within that collection. Schemas not only define document structure and property casting, but also document instance methods, static model methods, compound indexes, and document lifecycle hooks called middleware.

**Datatypes:**

String

Number

Date

Buffer

Boolean

Mixed

ObjectId

Array

Decimal128

Map

**Step 5:**

**Text, chat or text message

Description automatically generated**

**Text

Description automatically generated**

**Graphical user interface, text, application, email, Teams

Description automatically generated**

**Step 6:**

**a) Just by "CustomerName"**

**Graphical user interface, text, application, email

Description automatically generated**

**b) And another one by "\_id"**

**Graphical user interface, text, application

Description automatically generated**