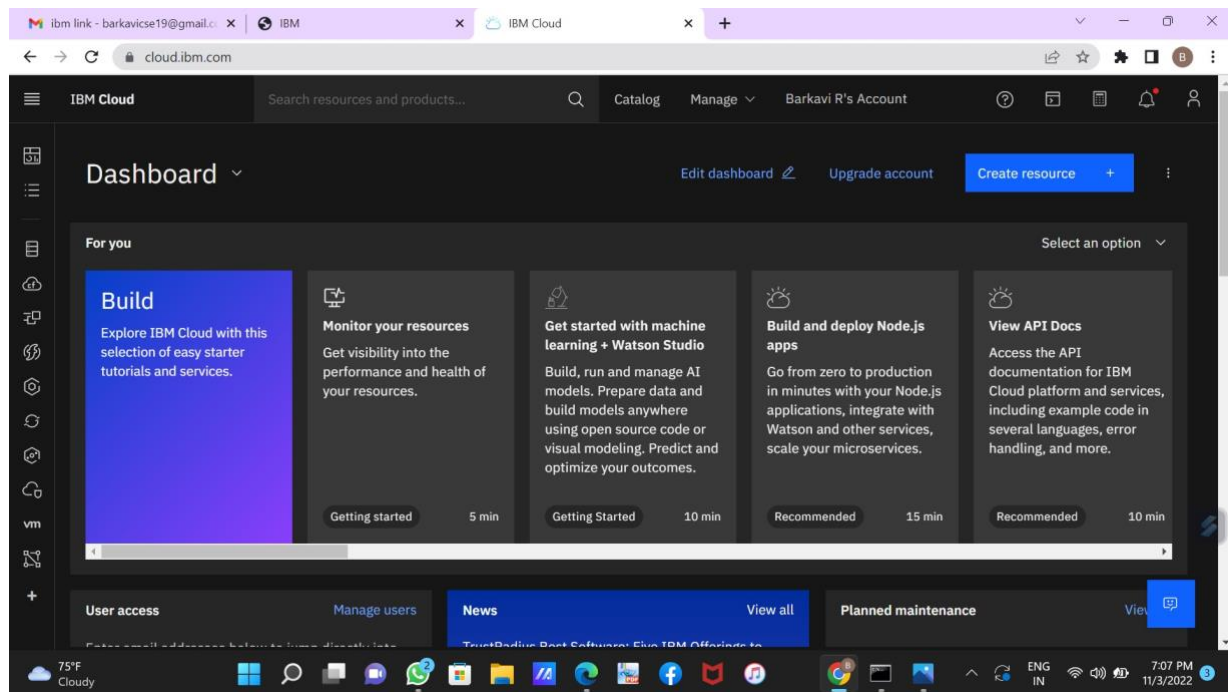


CREATE AND CONFIGURE IBM CLOUD SERVICES

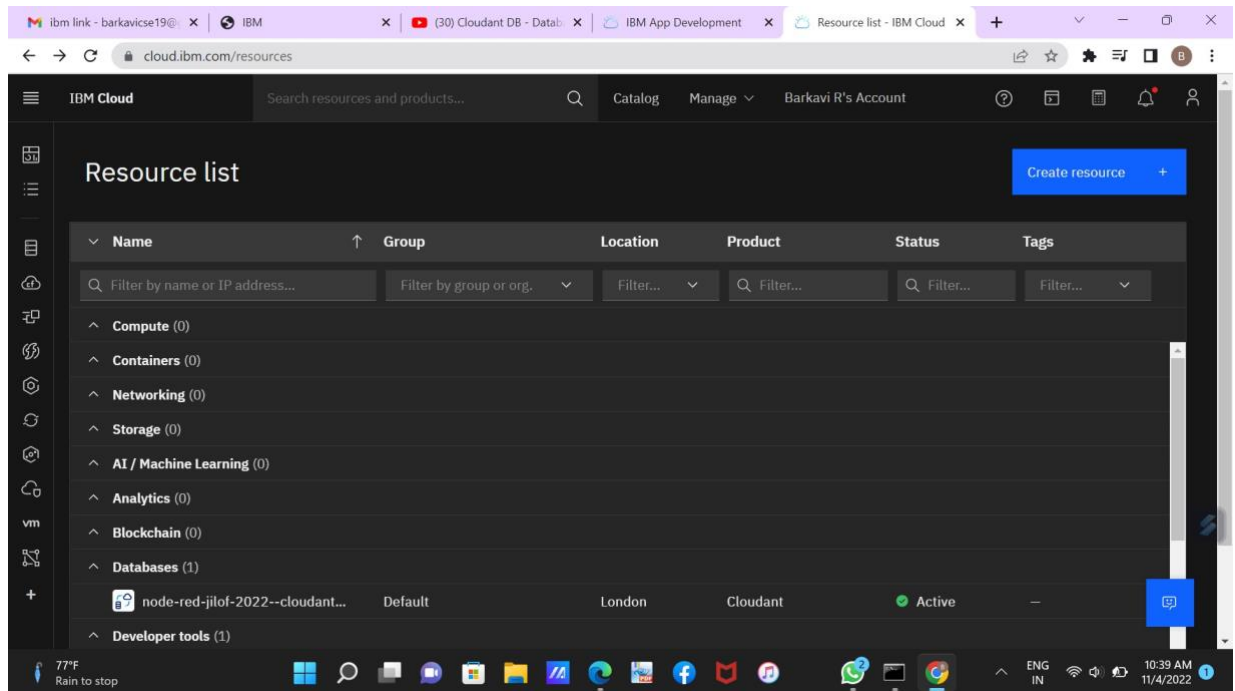
CREATE A DATABASE IN CLOUDANT DB

Team ID	PNT2022TMID49677
Project Name	IoT based Safety Gadget for Child Safety, monitoring and notification

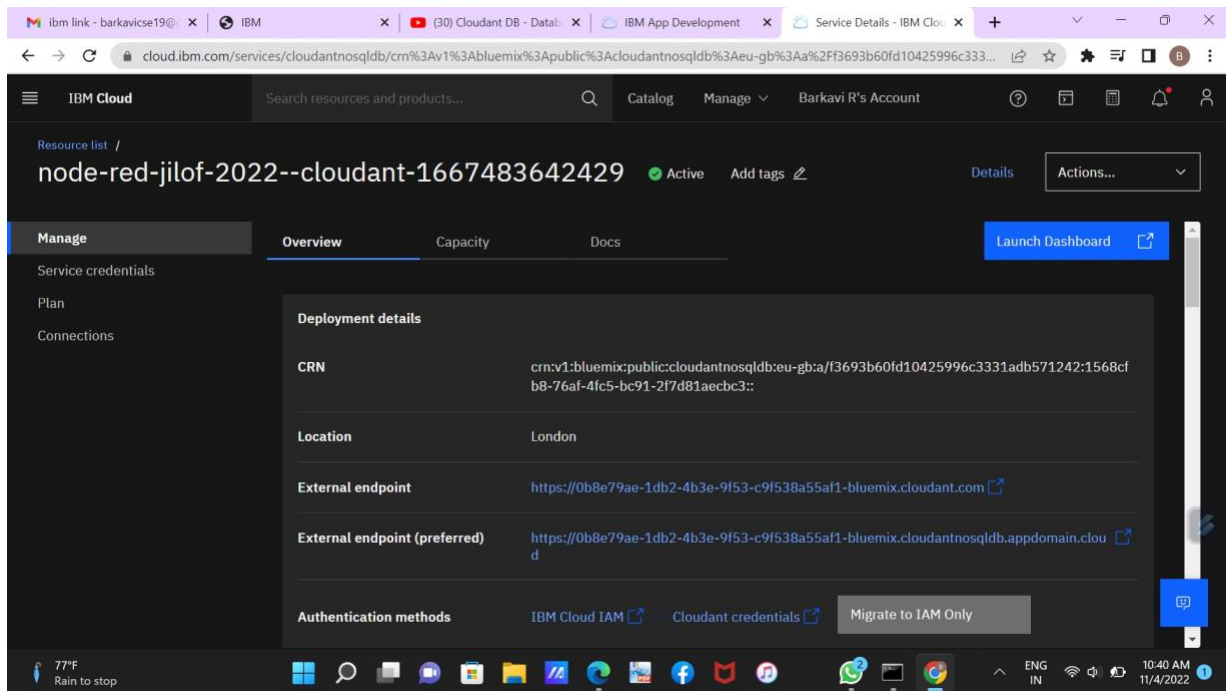
STEP 1:



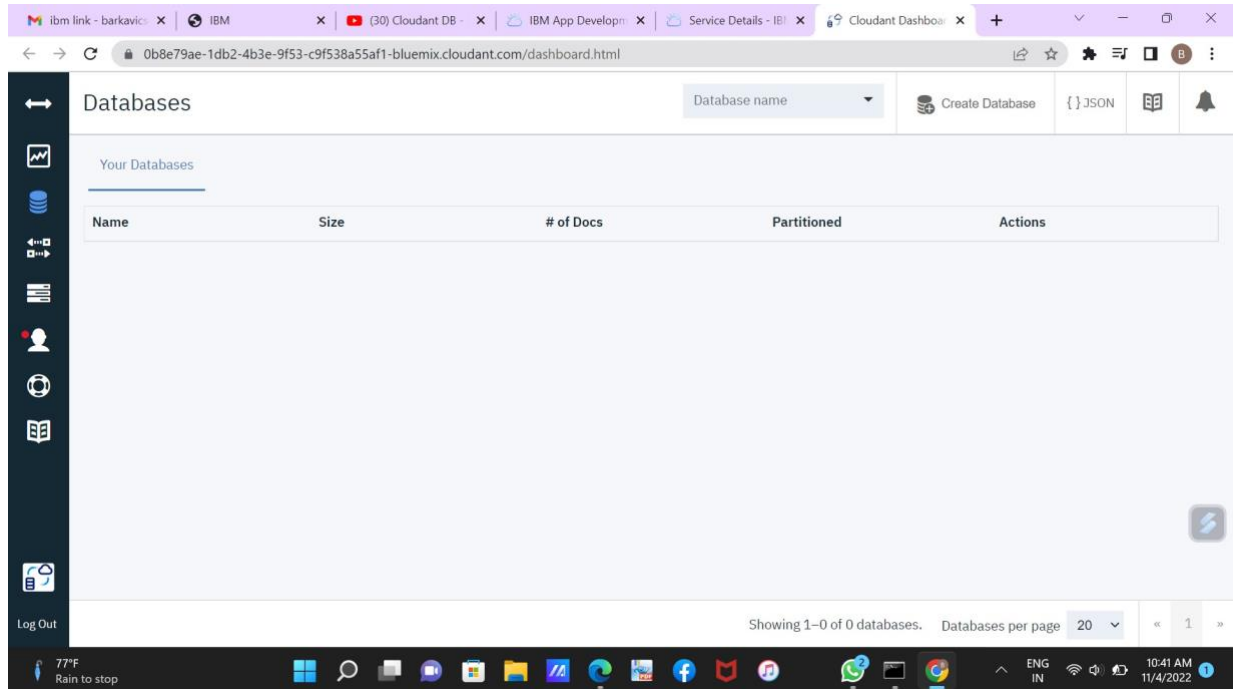
STEP 2:



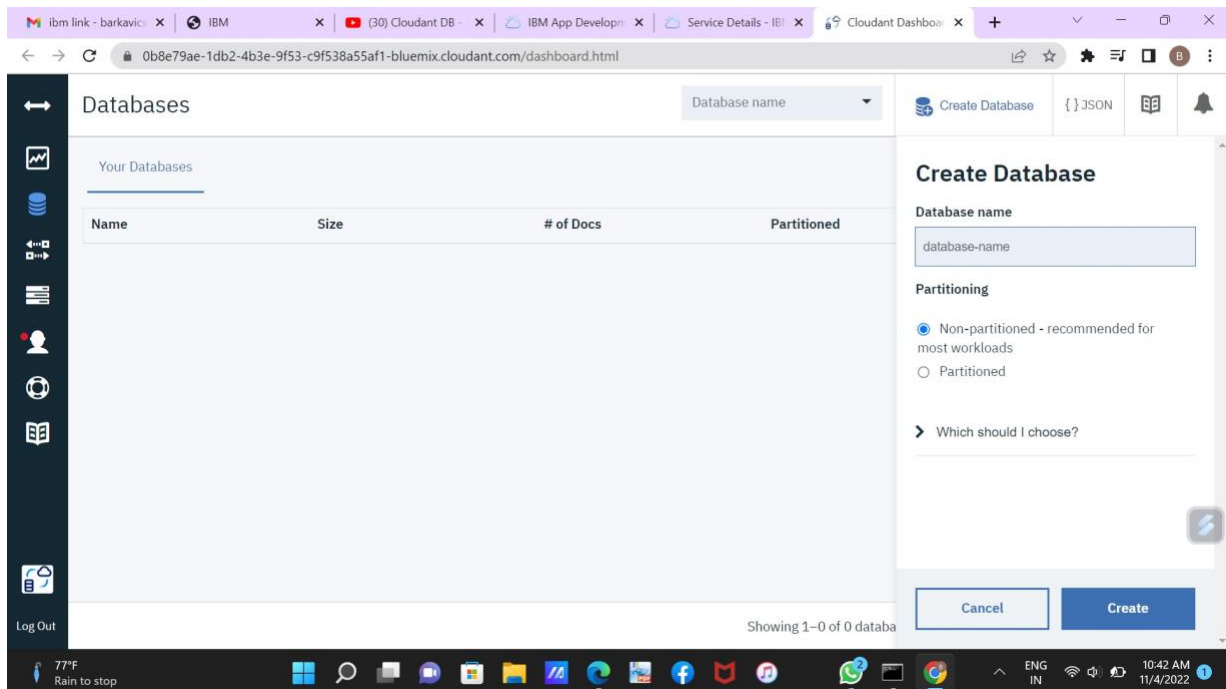
STEP 3:



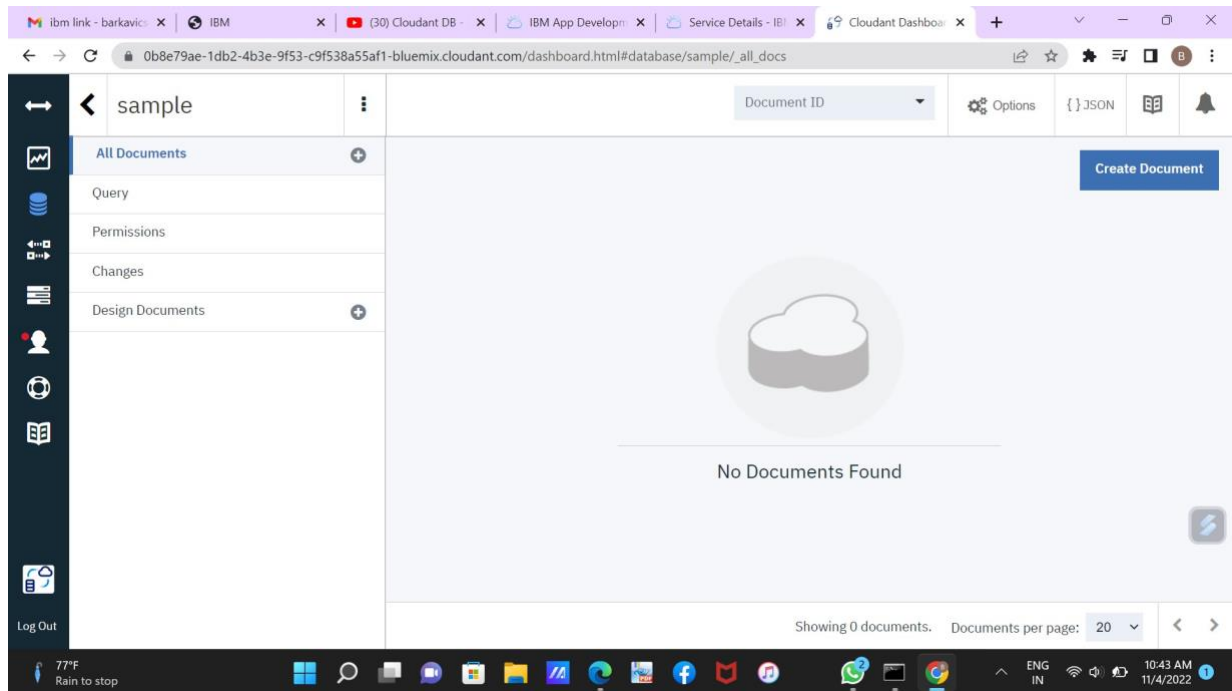
STEP 4:



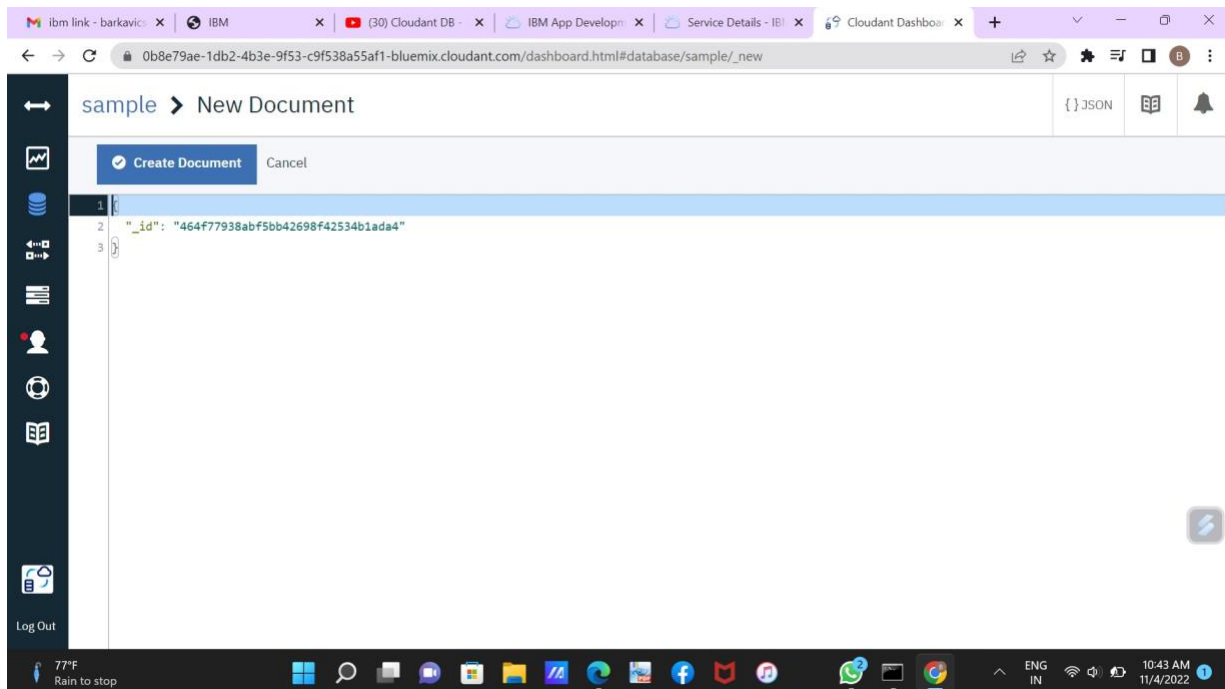
STEP 5:



STEP 6:



STEP 7:



STEP 8:

ibm link - barkavici x IBM x (30) Cloudant DB x IBM App Developn x Service Details - IB x Cloudant Dashbo x

0b8e79ae-1db2-4b3e-9f53-c9f538a55af1-bluemix.cloudant.com/dashboard.html#database/sample/_all_docs

sample

Document ID Options {}JSON

All Documents +

Query

Permissions

Changes

Design Documents +

Log Out

Document saved successfully.

	id	key	value
<input type="checkbox"/>	464f77938abf5bb42698f42534b...	464f77938abf5bb42698f42534b...	{"rev": "1-4dbd80ab6e655d7ba1..."}

Showing document 1 - 1. Documents per page: 20

82°F Cloudy 10:46 AM 11/4/2022




STEP 9:

ibm link - barkavici x IBM x (30) Cloudant DB x IBM App Developn x Service Details - IB x Cloudant Dashbo x

0b8e79ae-1db2-4b3e-9f53-c9f538a55af1-bluemix.cloudant.com/dashboard.html#/_all_dbs

Databases Database name Create Database {}JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
sample	14 bytes	1	No	  

Showing 1-1 of 1 databases. Databases per page: 20

82°F Cloudy 10:48 AM 11/4/2022

STEP 10:

The screenshot shows the IBM Cloud API Docs for Cloudant. The left sidebar lists various sections: Overview, Introduction, Endpoint URLs, Authentication, Auditing, Event tracking, Error handling, Additional headers, Rate limits, and Related APIs. The main content area is titled "Query a list of all database names in the instance". It includes an "Authorization" section stating that the user must be assigned one or more IAM access roles that include the following action: `cloudantnosqldb.account-all-dbs.read`. It also includes an "Auditing" section stating that calling this method generates the following auditing event: `cloudantnosqldb.account-all-dbs.read`. A "Request" section is visible at the bottom. The right sidebar shows tabs for different SDKs: Curl, Java, Node, Python, and Go. The "Curl" tab is selected, showing the command `GET /_all_dbs`. The bottom of the screen shows a Windows taskbar with various icons and a system tray indicating 82°F, Cloudy, and the date 11/4/2022.

STEP 11:

The screenshot shows the IBM Cloud API Docs for Cloudant, specifically the "Introduction" page. The left sidebar lists various sections: Overview, Introduction, Endpoint URLs, Authentication, Auditing, Event tracking, Error handling, Additional headers, Rate limits, and Related APIs. The main content area is titled "Introduction" and includes the text: "IBM® Cloudant® for IBM Cloud® is a document-oriented database as a service (DBaaS). It stores data as documents in JSON format. It is built with scalability, high availability, and durability in mind. It comes with a wide variety of indexing options that include MapReduce, IBM Cloudant Query, full-text indexing, and geospatial indexing. The replication capabilities make it easy to keep data in sync between database clusters, desktop PCs, and mobile devices." It also includes a link to "Getting started tutorial", "API overview documentation, tutorials, and guides". The right sidebar shows tabs for different SDKs: Curl, Java, Node, Python, and Go. The "Python" tab is selected, showing the text: "The code examples on this tab use the IBM Cloudant SDK for Python." It includes an "Installation" section with the command `pip3 install ibmcloudant` and a "GitHub" section with the link <https://github.com/ibm/cloudant-python-sdk>. The bottom of the screen shows a Windows taskbar with various icons and a system tray indicating 82°F, Cloudy, and the date 11/4/2022.

RESULT:

Thus,a Database in Cloudand DB was created.

