
# Project Report

On

# **Job Dekho**

Submitted By:

Anshuman Vashishtha

Submitted To:

Mrs. Ruchi Talwar

(Technical Trainer)

# CERTIFICATE

This is to certify that the “Project Report” entitled Job Dekho is a Job finding application submitted to the department of Computer science and engineering ,GLA University, Mathura U.P. in partial fulfilment for the award of the degree of bachelor of technology in computer science and engineering is a record of bona fide carried out by :

Anshuman Vashishtha (University Roll no :201500118)

Mrs. Ruchi Talwar

(Technical trainer)

Signature of Authorized (Mentor)

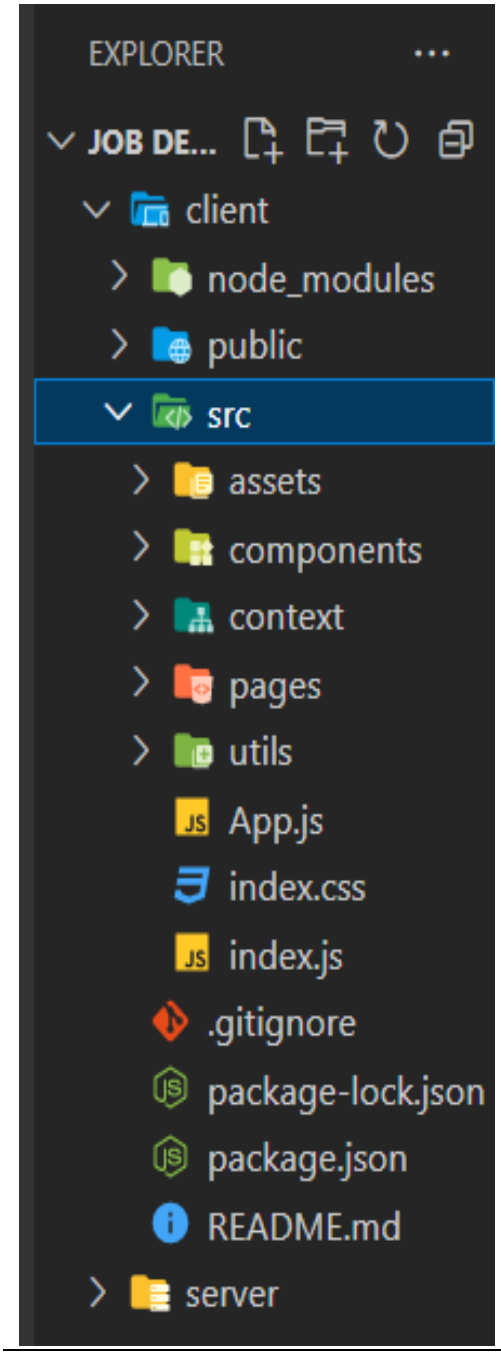
# About Job Dekho

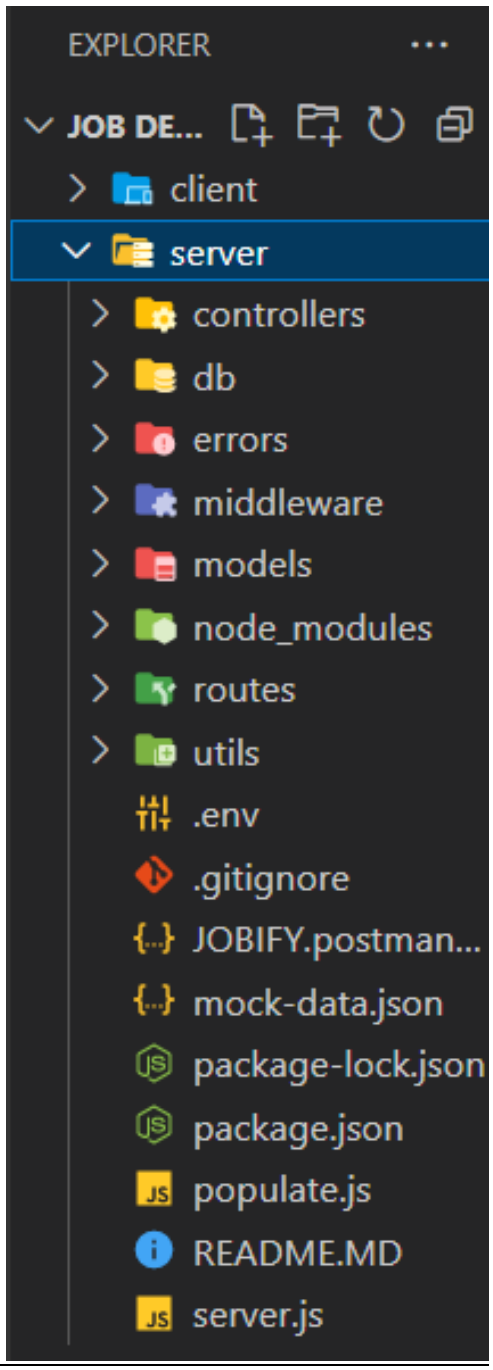
## INTRODUCTION

JobDekho is a mini project built using the MERN stack that aims to provide a platform to job seekers to find available job opportunities and for employers to post job openings. The MERN stack consists of MongoDB, Express, React, and Node.js, and allows for efficient and seamless web development. The website has a user-friendly interface that allows job seekers to search for job openings by entering keywords and filters such as location, job title, and job category. The website also has an authentication system that enables job seekers to create accounts, upload resumes, and apply for jobs with ease. The administration panel of JobDekho allows employers to post job openings, manage job listings, and view job applications. Employers can also track the progress of job postings and receive notifications when candidates apply for their job listings. Overall, Job Dekho aims to make the job search process more streamlined for both job seekers and employers. The use of the MERN stack allows for efficient development and ensures a smooth user experience.

## OBJECTIVE

Job Dekho is a dynamic website built using the MERN stack that aims to provide job seekers with a comprehensive platform to search for job openings and connect with potential employers. The MERN stack comprises MongoDB, Express, React, and Node.js, which enables the development of a robust and scalable website. Job Dekho offers a user-friendly interface that enables job seekers to easily navigate the website, search for job listings, and filter them based on various criteria such as location, job type, and experience level.


EXPLORER
JOB DE...
client
node_modules
public
src
assets
components
context
pages
utils
App.js
index.css
index.js
.gitignore
package-lock.json
package.json
README.md
server


EXPLORER
JOB DE...
client
server
controllers
db
errors
middleware
models
node_modules
routes
utils
.env
.gitignore
JOBIFY.postman...
mock-data.json
package-lock.json
package.json
populate.js
README.MD
server.js

## Modules used:

- React-router-dom
- axios
- font-awesome
- React-date-range
- React-icons
- Semantic-ui-react

## Developement Tools:

**Visual Studio Code:** Used Visual Studio Code as working environment to run and test the code.

**Visual Studio Installer:** Used Visual Studio Installer as a setup tool to create installation programs and setup packages.

**Framework Used:** Mongo DB, React JS, Node JS, Express

# Framework Description:

## React js:

ReactJS is a declarative, efficient, and flexible JavaScript library for building reusable UI components. It is an opensource, component-based front end library which is responsible only for the view layer of the application. It was initially developed and maintained by Facebook and later used in its products like WhatsApp & Instagram.

## Mongo DB:

MongoDB **stores data in flexible, JSON-like documents**, meaning fields can vary from document to document and data structure can be changed over time

The document model **maps to the objects in your application code**, making data easy to work with

**Ad hoc queries, indexing, and real time aggregation** provide powerful ways to access and analyse your data

MongoDB is a **distributed database at its core**, so high availability, horizontal scaling, and geographic distribution are built in and easy to use

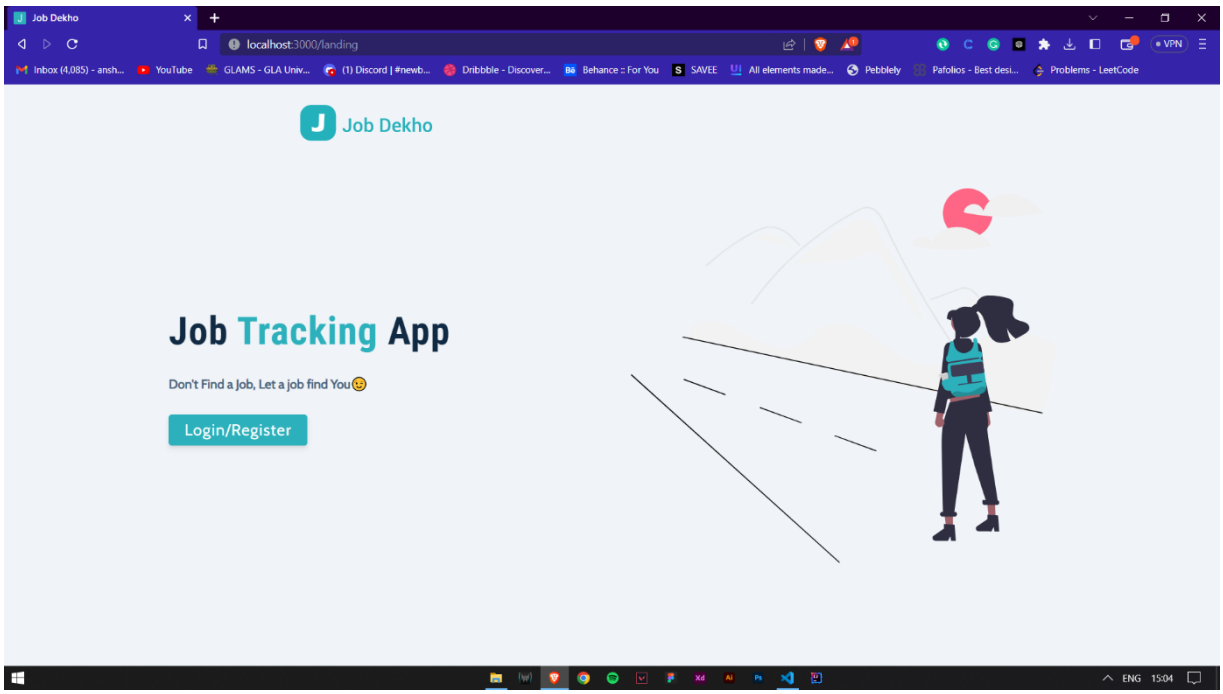
# Insomnia:

Insomnia REST client is **a Free Cross-Platform Desktop Framework for testing RESTful applications**. It incorporates sophisticated features like code creation, security helpers, environment variables, and a user-friendly user interface. You can take advantage of Insomnia to test GraphQL APIs and HTTP-based RESTful APIs.

# Node js:

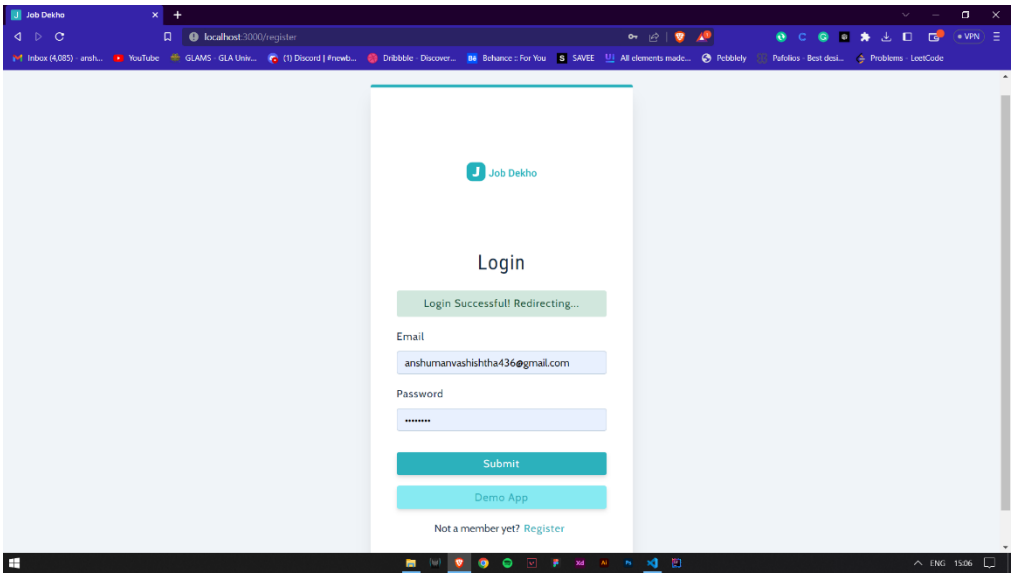
Node. js is an asynchronous event-driven JavaScript runtime engine designed for building scalable network applications. It's a fast, lightweight, efficient, and scalable development environment built with Chrome's V8 JavaScript engine.

# Front Page:

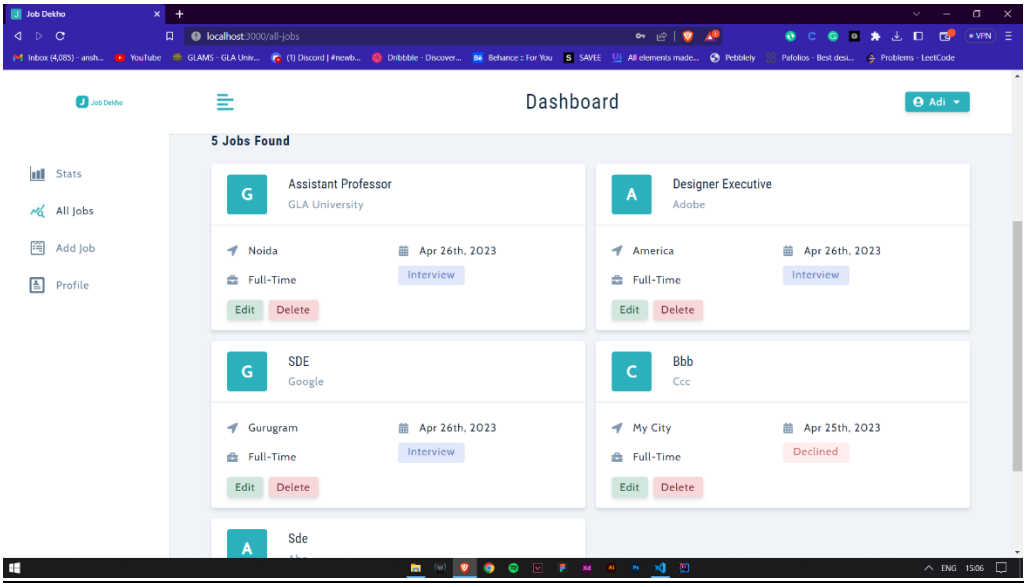



The front page consists of the Tagline of the sit which says ***“Don’t Find a Job, let a Job Find You”***. It also the login and register button.

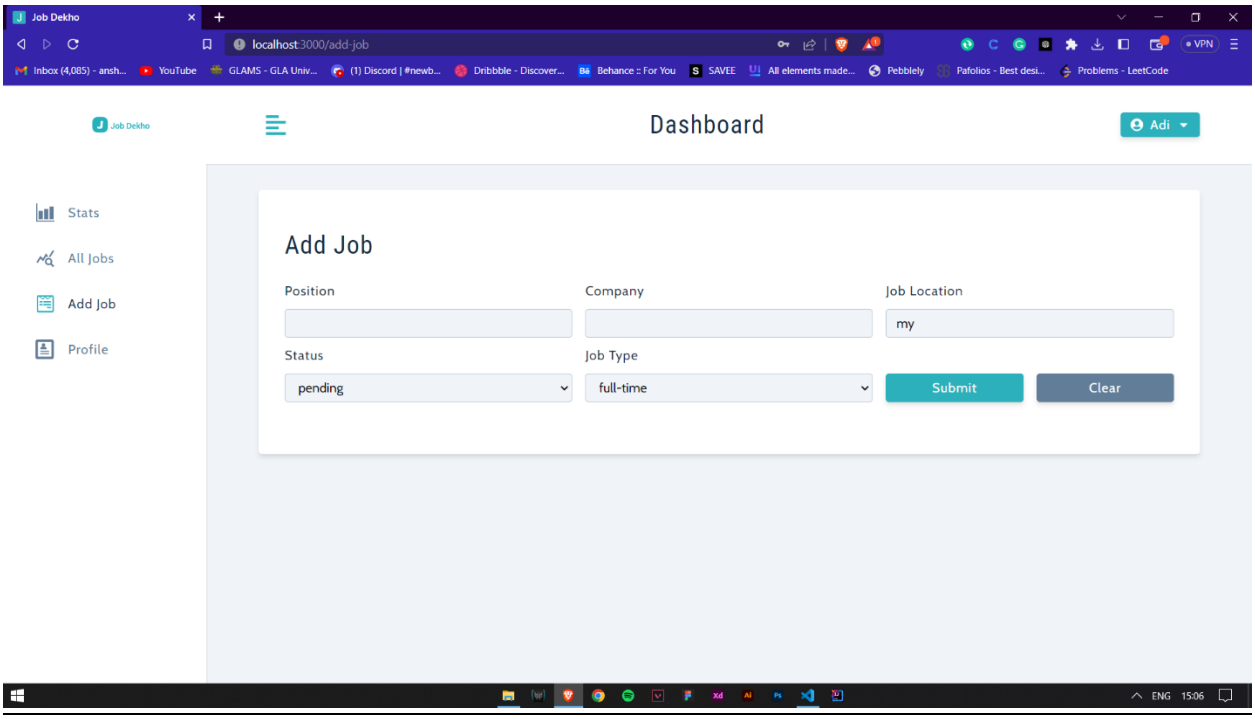
# Login Page:



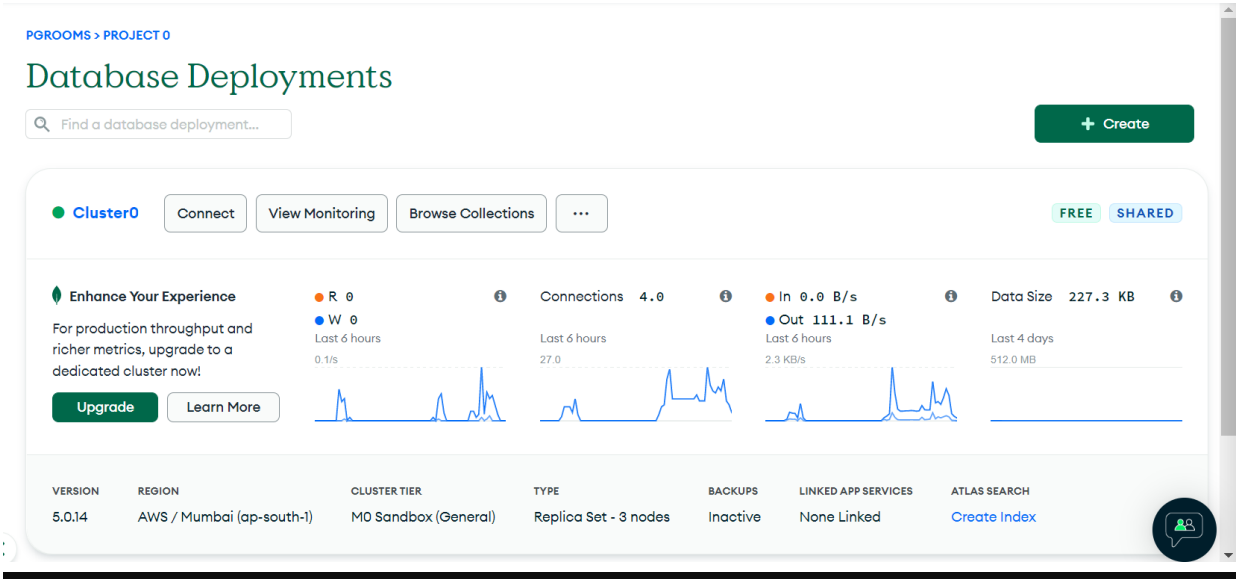

# Jobs Availability:



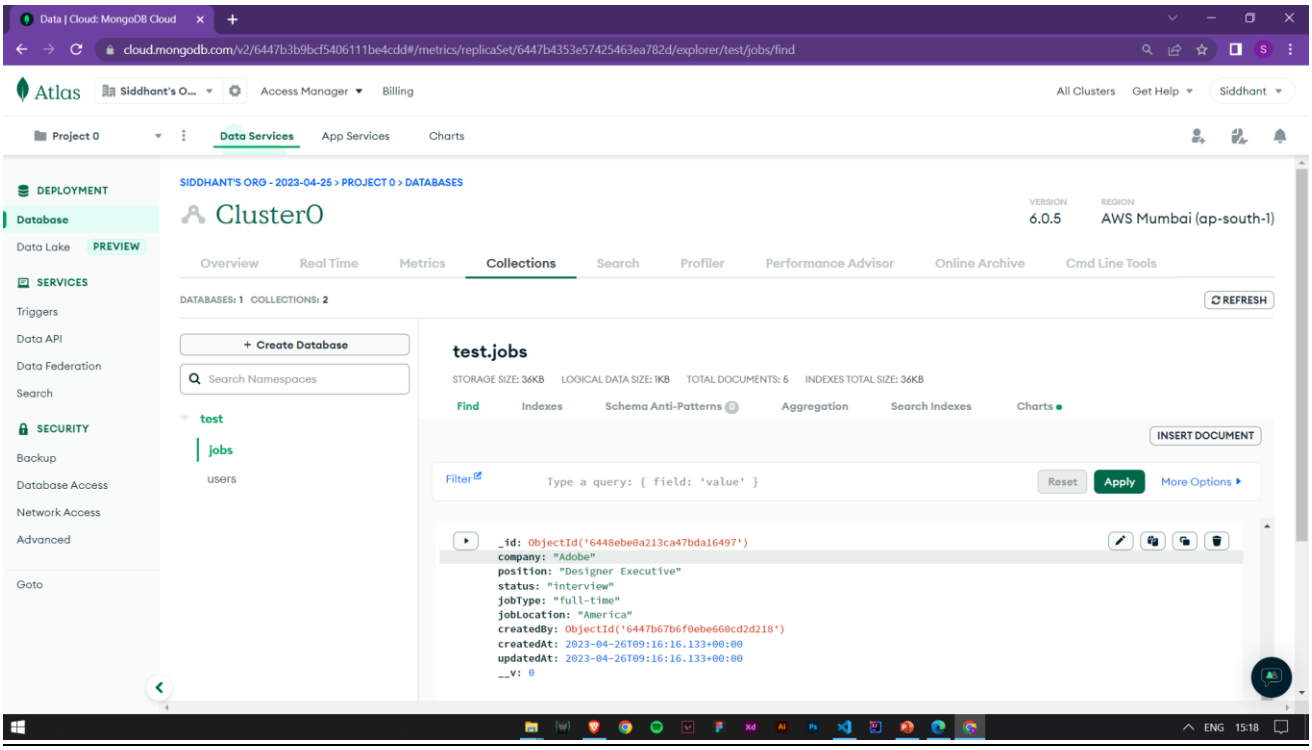
# Dashboard for adding Jobs



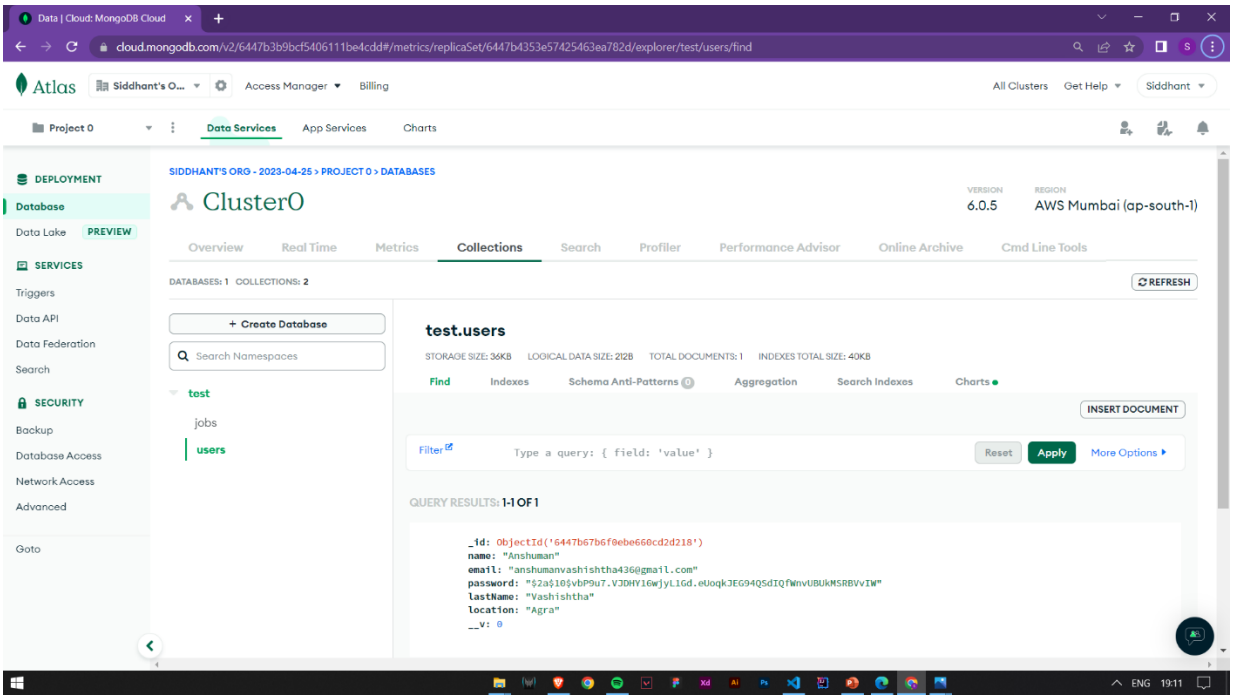

# Database:


PGROOMS > PROJECT 0
Database Deployments
Find a database deployment...
+ Create
Cluster0
Connect
View Monitoring
Browse Collections
FREE
SHARED
Enhance Your Experience
For production throughput and richer metrics, upgrade to a dedicated cluster now!
Upgrade
Learn More
R 0
W 0
Last 6 hours
Connections 4.0
Last 6 hours
In 0.0 B/s
Out 111.1 B/s
Last 6 hours
Data Size 227.3 KB
Last 4 days
VERSION
5.0.14
REGION
AWS / Mumbai (ap-south-1)
CLUSTER TIER
M0 Sandbox (General)
TYPE
Replica Set - 3 nodes
BACKUPS
Inactive
LINKED APP SERVICES
None Linked
ATLAS SEARCH
Create Index

# Jobs


cloud.mongodb.com/v2/6447b3b9bcf5406111be4cdd#/metrics/replicaSet/6447b4353e57425463ea782d/explorer/test/jobs/find
Atlas
Access Manager
Billing
All Clusters
Get Help
Siddhant
Project 0
Data Services
App Services
Charts
DEPLOYMENT
Database
Data Lake
PREVIEW
SERVICES
Triggers
Data API
Data Federation
Search
SECURITY
Backup
Database Access
Network Access
Advanced
Goto
SIDDHANT'S ORG - 2023-04-25 > PROJECT 0 > DATABASES
Cluster0
VERSION
6.0.5
REGION
AWS Mumbai (ap-south-1)
Overview
Real Time
Metrics
Collections
Search
Profiler
Performance Advisor
Online Archive
Cmd Line Tools
DATABASES: 1 COLLECTIONS: 2
REFRESH
+ Create Database
Search Namespaces
test
jobs
users
test.jobs
STORAGE SIZE: 36KB
LOGICAL DATA SIZE: 1KB
TOTAL DOCUMENTS: 5
INDEXES TOTAL SIZE: 36KB
Find
Indexes
Schema Anti-Patterns
Aggregation
Search Indexes
Charts
INSERT DOCUMENT
Filter
Type a query: { field: 'value' }
Reset
Apply
More Options
_id: ObjectId('6448ebe0a213ca47bda16497')
company: "Adobe"
position: "Designer Executive"
status: "interview"
jobType: "full-time"
jobLocation: "America"
createdBy: ObjectId('6447b67b6f0ebe660cd2d218')
createdAt: 2023-04-26T09:16:16.133+00:00
updatedAt: 2023-04-26T09:16:16.133+00:00
__v: 0
ENG
15:18

# Users


Data | Cloud: MongoDB Cloud
cloud.mongodb.com/v2/6447b3b9bcf5406111be4cdd#/metrics/replicaSet/6447b4353e57425463ea782d/explorer/test/users/find
Atlas
Siddhant's O...
Access Manager
Billing
All Clusters
Get Help
Siddhant
Project 0
Data Services
App Services
Charts
DEPLOYMENT
Database
Data Lake
PREVIEW
SERVICES
Triggers
Data API
Data Federation
Search
SECURITY
Backup
Database Access
Network Access
Advanced
Goto
SIDDHANT'S ORG - 2023-04-25 > PROJECT 0 > DATABASES
Cluster0
VERSION
6.0.5
REGION
AWS Mumbai (ap-south-1)
Overview
Real Time
Metrics
Collections
Search
Profiler
Performance Advisor
Online Archive
Cmd Line Tools
DATABASES: 1 COLLECTIONS: 2
REFRESH
+ Create Database
Search Namespaces
test
jobs
users
test.users
STORAGE SIZE: 36KB
LOGICAL DATA SIZE: 212B
TOTAL DOCUMENTS: 1
INDEXES TOTAL SIZE: 40KB
Find
Indexes
Schema Anti-Patterns
Aggregation
Search Indexes
Charts
INSERT DOCUMENT
Filter
Type a query: { field: 'value' }
Reset
Apply
More Options
QUERY RESULTS: 1-1 OF 1
_id: ObjectId('6447b67b6f0ebe660cd2d218')
name: "Anshuman"
email: "anshumanvashishtha436@gmail.com"
password: "$2a$10$vbP9u7.VJDHY16WjyL1Gd.eUoqkJEG94QSdIQfWnvUBUkMSRBVvIW"
lastName: "Vashishtha"
location: "Agra"
__v: 0
ENG
19:11

# CONCLUSION

There is always room for improvements in any application, however good and efficient it may be. But the most important thing should be flexible to accept further modifications. Right now we are just Building a Working MERN Stack Project which might be helpful in finding Job’s for people but in the future, we can also create a panel for Recruiters so that they can post information regarding Jobs.