

Job Portal Management

```
nitingoyal123@gmail.com :~/java projects/Job-Portal$ java -jar ./Job-Portal.jar
database successfully connected : [DB=buif8mprfkfyazp9pvrn, HOST=buif8mprfkfyazp9pvrn-mysql.services.clever-cloud.com, PORT=3306]
Press 1 to login 2 to signup: 2
-----REGISTER-----
First name: Siva Prakash
Last name: Kumar
Email: sivaprakash.19cs@kct.ac.in
Password: Deepika@71199
Register as job seeker/job_provider(1/2): 1
auto commit turned off
committed
auto commit turned on
Registration Successfull
{ userType='JOB_SEEKER', firstName='Siva Prakash', lastName='Kumar', gender='not defined', email='sivaprakash.19cs@kct.ac.in', location='not specified', phone='not defined', DOB='null' id='9', keySkills='null', languages='null', employments='null', educations='null', projects='null', accomplishments='null'}

-----if nothing to update leave fields as blank-----

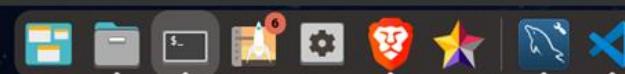
update First Name to:

update Last Name to:

update Email to:

update Gender to:
Male
update Location to:
Erode,Tamilnadu
update Phone to:
9344015965
update DOB(dd-mm-yyyy) to:
28-09-2001
updated: 1
profile updated successfully..

updated profile:
{ userType='JOB_SEEKER', firstName='Siva Prakash', lastName='Kumar', gender='Male', email='sivaprakash.19cs@kct.ac.in', location='Erode,Tamilnadu', phone='9344015965', DOB='2001-01-28' id='9', keySkills='null', languages='null', employments='null', educations='null', projects='null', accomplishments='null'}
```



MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Query 3 × users × educations × applications × seeker_answers × seeker_languages × companies × jobs × reviews ×

Limit to 1000 rows

```
1 • SELECT * FROM buif8mprfkfyazp9pvnr.job_seekers join users join user_types using(user_type_id) USING(user_id);
```

Result Grid Filter Rows: Export: Wrap Cell Content:

| # | user_id | job_seeker_id | accomplis | user_type_id | first_name | last_name | email | password | location | gender | DOB | createdAt | phone | category |
|---|---------|---------------|-----------|--------------|--------------|-----------|------------------------|-----------------------------|-----------------|--------|------------|---------------------|---------------|------------|
| 1 | 12 | 9 | NULL | 1 | Siva Prakash | Kumar | sivaprakash.19cs@kc... | 392b5b55f03be563f09f352... | Erode,Tamilnadu | Male | 2001-01-28 | 2022-02-04 17:16:13 | +919344015965 | JOB_SEEKER |
| 2 | 11 | 8 | NULL | 1 | Siva Prakash | Kumar | siva010928@gmail.com | 392b5b55f03be563f09f352... | Erode Tamilnadu | Male | 2001-01-28 | 2022-02-04 16:48:59 | +919344015965 | JOB_SEEKER |
| 3 | 9 | 7 | asdasd | 1 | test1 | test1 | test1 | 5a105e8b9d40e1329780d6... | chennai | male | 0229-01-29 | 2022-02-02 15:08:49 | +919344015965 | JOB_SEEKER |
| 4 | 8 | 6 | NULL | 1 | test | test | test | 98f6bcd4621d373cade4e83... | NULL | NULL | NULL | 2022-02-02 15:07:12 | NULL | JOB_SEEKER |
| 5 | 7 | 5 | NULL | 1 | pranav | ranjith | pranav | 9e1135ff4157f14358c7c94c... | NULL | NULL | NULL | 2022-02-01 12:26:01 | NULL | JOB_SEEKER |
| 6 | 6 | 4 | NULL | 1 | prasanth | prasanth | prasanth | b66e6a6d01da60d77ecaf1a... | NULL | NULL | NULL | 2022-02-01 12:25:37 | NULL | JOB_SEEKER |
| 7 | 5 | 3 | NULL | 1 | rahul | rahul | rahul | 439ed537979d8e83156196... | NULL | NULL | NULL | 2022-02-01 12:25:01 | NULL | JOB_SEEKER |
| 8 | 4 | 2 | NULL | 1 | dhanush | kannan | dhanush | 4a17a7617eefaa232c6aa8a... | NULL | NULL | NULL | 2022-02-01 12:24:20 | NULL | JOB_SEEKER |
| 9 | 3 | 1 | asd | 1 | siva | siva | siva | 1955b38f13116a57e4de21... | Erode | male | 2001-01-28 | 2022-01-31 23:37:38 | +919344015965 | JOB_SEEKER |

Result 3 × Action Output ▾ Read Only

| # | Time | Action | Message | Duration / Fetch |
|----|----------|---------------------------------------------------|-------------------|-----------------------|
| 36 | 09:51:28 | EXPLAIN SELECT * FROM buif8mprfkfyazp9pvnr.job... | OK | 0.000 sec |
| 37 | 09:51:29 | EXPLAIN FORMAT=JSON SELECT * FROM buif8mprfk... | OK | 0.000 sec |
| 38 | 09:52:14 | SELECT * FROM buif8mprfkfyazp9pvnr.job_seeker... | 9 row(s) returned | 0.195 sec / 0.0000... |

Query Completed

```
1: Add Education  
2: Update Education  
Press any key to go back!
```

```
1  
Education Level:
```

```
B.E
```

```
Course name:
```

```
CSE
```

```
Institution:  
KCT
```

```
Course Type:
```

```
1: Full Time  
2: Part Time  
1
```

```
Grade:
```

```
9.255
```

```
Passout(year):
```

```
2023
```

```
Education successfully added...
```

```
added education: Education [course=CSE, courseType=Full Time, education=B.E, grade=9.255, institute=KCT, passout=2023]  
[Education [course=CSE, courseType=Full Time, education=B.E, grade=9.255, institute=KCT, passout=2023]]
```

```
1: Add Education  
2: Update Education  
Press any key to go back!
```

```
2  
App.education_update_view()
```

```
Education [course=CSE, courseType=Full Time, education=B.E, grade=9.255, institute=KCT, passout=2023]
```

```
1: Update Education  
2: Delete Education  
press any key to skip
```

```
1
```

```
-----if nothing to update leave fields as blank-----
```

```
update Course to:
```



```
1: Add Education  
2: Update Education  
Press any key to go back!  
2
```

```
App.education_update_view()  
Education [course=CSE, courseType=Full Time, education=B.E, grade=9.255, institute=KCT, passout=2023]
```

```
1: Update Education  
2: Delete Education  
press any key to skip  
1
```

```
-----if nothing to update leave fields as blank-----
```

```
update Course to:
```

```
ECE  
update Course Type(Full Time/Part Time) to:
```

```
Part Time
```

```
update Education Level to:
```

```
B.E
```

```
update Instituition to:
```

```
update Passout(year) to:
```

```
update Grade to:
```

```
9.5
```

```
education updated successfully..
```

```
updated eduation:
```

```
Education [course=ECE, courseType=Part Time, education=B.E, grade=9.5, institute=KCT, passout=2023]
```

```
[Education [course=ECE, courseType=Part Time, education=B.E, grade=9.5, institute=KCT, passout=2023]]
```

```
1: Add Education  
2: Update Education  
Press any key to go back!
```



Local instance 3306 × Job_Portal ×

File Edit View Query Database Server Tools Scripting Help



Administration Schemas

SCHEMAS

- Filter objects
- Tables
 - applications
 - companies
 - educations**
 - employments
 - job_job_schedules
 - job_job_types
 - job_providers
 - jobs
 - job_schedules
 - job_seekers
 - job_types
 - key_skills
 - languages
 - pays

Object Info Session

Table: educations

Columns:

| | |
|-----------------|--------------|
| education_id | int AI PK |
| education_level | varchar(25) |
| course | varchar(128) |
| institution | varchar(255) |
| course_type | varchar(25) |
| passout | int |
| grade | float |

Query 3 × users × educations ×

```
1 • SELECT * FROM buif8mprfkfyazp9pvrn.educations;
```

| # | education_id | education_level | course | institution | course_type | passout | grade | job_seeker_id |
|---|--------------|-----------------|------------------------------|------------------------------|-------------|---------|-------|---------------|
| 1 | 5 | B.Tech | Computer Science and Engi... | Kumaraguru College Of Tec... | Full Time | 2023 | 9.25 | 8 |
| 2 | 6 | B.E | ECE | KCT | Part Time | 2023 | 9.5 | 9 |

educations 1 ×

Apply Revert

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|----|----------|----------------------------------------------------|--------------------|----------------------|
| 16 | 22:40:26 | Apply changes to users | Changes applied | |
| 17 | 22:50:26 | SELECT * FROM buif8mprfkfyazp9pvrn.users LIMIT ... | 11 row(s) returned | 0.204 sec / 0.000... |
| 18 | 22:51:11 | SELECT * FROM buif8mprfkfyazp9pvrn.educations ... | 2 row(s) returned | 0.308 sec / 0.000... |

Query Completed



1: Filter
2: Non Filter
Press any key to go back!

1
-----Filter By Following fields if not leave blank-----
Job title: software
Company name: chan
Job Location: chennai
Salary(y/n): y

-----Salry Filter-----

1: 18000+/month
2: 25000+/month
3: 29000+/month
4: 35000+/month
5: 48000+/month
5

----- Sort type -----

1: job title ascending
2: job title descending
3: date posted ascending
4: date posted descending
1

----- Date posted -----

1: Last 24 hours
2: Last 3 days
3: Last 7 days
4: Last 14 days
5: Last 28 days
2

1: associate software developer
Chan Razer
chennaiSalary ₹46000.00 - ₹56000.00 per Month
Profile: You should.....

2: Software Developer
Chan Razer
chennaiSalary ₹70000.00 - ₹870000.00 per Month
Profile: The Softwa.....



1: Filter
2: Non Filter
Press any key to go back!
2
1: App developer
Chan Razer
BangaloreSalary ₹50500.00 - ₹80900.00 per Month
Profile: fd.....

2: associate software developer
Chan Razer
chennaiSalary ₹46000.00 - ₹56000.00 per Month
Profile: You should.....

3: Database Developer
Chan Razer
KarnatakaSalary ₹13000.00 - ₹22000.00 per Month
Profile: adaAD.....

4: intern
Chan Razer
BangaloreSalary ₹10000.00 - ₹20000.00 per Month
Profile: yes.....

5: Kernal Developer
Chan Razer
KarnatakaSalary ₹16500.00 - ₹27000.00 per Month
Profile: adaAD.....

6: Kernal Developer
Chan Razer
chennaiSalary ₹55000.00 - ₹65000.00 per Month
Profile: adaAD.....

7: Nodejs Developer
Chan Razer
BangaloreSalary ₹53000.00 - ₹67000.00 per Month
Profile: adaAD.....



Profile: adaAD.....

9: Software Developer
Chan Razer
chennaiSalary ₹70000.00 - ₹870000.00 per Month
Profile: The Softwa.....

10: Web developer
Chan Razer
KarnatakaSalary ₹26000.00 - ₹55000.00 per Month
Profile: asd.....

-----Select and View-----

9
came to part 1 in generateQuestionsAsString
came to part 2 in generateQuestionsAsString

1: view full job
2: apply this job
3: view company details

2
came to part 1 in generateQuestionsAsString
what are the difficulty you face with your competitive programming?
Time management is the difficulty I felt most of the times
Applied successfully...

-----My Jobs-----

1: Filter
2: Non Filter
Press any key to go back!

2

-----Select and View-----

1: Software Developer
Chan Razer
chennaiSalary ₹70000.00 - ₹870000.00 per Month
Profile: The Softwa.....

Applied on 4 Feb 2022 at 12:04 PM

Status: ACTIVE



Local instance 3306 × Job_Portal ×

File Edit View Query Database Server Tools Scripting Help



Administration Schemas

SCHEMAS

Filter objects

buif8mprfkfyazp9pvrn

Tables

- applications
- companies
- educations
- employments
- job_job_schedules
- job_job_types
- job_providers
- jobs
- job_schedules
- job_seekers
- job_types
- key_skills
- languages

Object Info Session

Table: applications

Columns:

| | | |
|----------------|--------------|-------|
| application_id | int | AI PK |
| status | varchar(45) | |
| appliedAt | datetime | |
| resume | varchar(255) | |
| job_seeker_id | int | |
| job_id | int | |

Query 3 × users × educations × jobs × pays × applications ×

Limit to 1000 rows

1 • SELECT * FROM buif8mprfkfyazp9pvrn.applications;

| # | application_id | status | appliedAt | resume | job_seeker_id | job_id |
|---|----------------|----------|---------------------|-----------------------|---------------|--------|
| 1 | 1 | ACTIVE | 2022-01-31 23:59:13 | resume_siva1 | 1 | 4 |
| 2 | 4 | REJECTED | 2022-02-01 10:55:27 | resume_siva_1 | 1 | 3 |
| 3 | 5 | ACTIVE | 2022-02-01 13:02:30 | resume_dhanush_2 | 2 | 12 |
| 4 | 6 | ACTIVE | 2022-02-01 13:08:30 | resume_siva_1 | 1 | 13 |
| 5 | 7 | REVIEWED | 2022-02-01 13:21:54 | resume_siva_1 | 1 | 12 |
| 6 | 8 | REVIEWED | 2022-02-01 13:23:02 | resume_rahal_3 | 3 | 12 |
| 7 | 9 | ACTIVE | 2022-02-01 13:23:47 | resume_prasanth_4 | 4 | 12 |
| 8 | 10 | ACTIVE | 2022-02-03 16:59:10 | resume_siva_1 | 1 | 10 |
| 9 | 11 | ACTIVE | 2022-02-04 17:34:39 | resume_Siva Prakash_9 | 9 | 12 |

* HULL HULL HULL HULL HULL HULL

applications 1 ×

Apply Revert

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|----|----------|----------------------------------------------------|--------------------|----------------------|
| 19 | 22:52:51 | SELECT * FROM buif8mprfkfyazp9pvrn.jobs LIMIT 0... | 12 row(s) returned | 0.305 sec / 0.000... |
| 20 | 22:56:57 | SELECT * FROM buif8mprfkfyazp9pvrn.pays LIMIT 0... | 13 row(s) returned | 0.307 sec / 0.000... |
| 21 | 23:05:10 | SELECT * FROM buif8mprfkfyazp9pvrn.application... | 9 row(s) returned | 0.204 sec / 0.000... |

Query Completed



Local instance 3306 × Job_Portal ×

File Edit View Query Database Server Tools Scripting Help



Administration Schemas

SCHEMAS

- Filter objects
- job_types
- key_skills
- languages
- pays
- projects
- questions
- reviews

seeker_answers

seeker_languages

seeker_skills

users

user_types

Views

Stored Procedures

Functions

Object Info Session

Table: seeker_answers

Columns:

| | |
|----------------|------------|
| answer | mediumtext |
| application_id | int PK |
| question_id | int PK |

Query 3 × users × educations × jobs × pays × applications × seeker_answers ×

```
1 • SELECT * FROM buif8mprfkfyazp9pvrn.seeker_answers;
```

| # | answer | application_id | question_id |
|----|------------------------------------------------------------|----------------|-------------|
| 1 | asd | 1 | 1 |
| 2 | dsa | 1 | 2 |
| 3 | wedas | 4 | 3 |
| 4 | we | 4 | 4 |
| 5 | Web-Dev | 10 | 12 |
| 6 | time management | 5 | 14 |
| 7 | question unclear | 7 | 14 |
| 8 | None | 8 | 14 |
| 9 | many | 9 | 14 |
| 10 | Time management is the difficulty I felt most of the times | 11 | 14 |

10 Time management is the difficulty I felt most of the times 11 14

* HULL HULL HULL

seeker_answers 1 ×

Apply Revert

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|----|----------|----------------------------------------------------|--------------------|----------------------|
| 20 | 22:56:57 | SELECT * FROM buif8mprfkfyazp9pvrn.pays LIMIT 0... | 13 row(s) returned | 0.307 sec / 0.000... |
| 21 | 23:05:10 | SELECT * FROM buif8mprfkfyazp9pvrn.application... | 9 row(s) returned | 0.204 sec / 0.000... |
| 22 | 23:05:34 | SELECT * FROM buif8mprfkfyazp9pvrn.seeker_ans... | 10 row(s) returned | 0.306 sec / 0.000... |

Query Completed



Time management is the difficulty I felt most of the times
Applied successfully...

-----My Jobs-----

- 1: Filter
 - 2: Non Filter
- Press any key to go back!

2

-----Select and View-----

- 1: Software Developer

Chan Razer

chennaiSalary ₹70000.00 - ₹870000.00 per Month

Profile: The Softwa.....

Applied on 4 Feb 2022 at 12:04 PM

Status: ACTIVE

1

- 1: View this Job
 - 2: View Application
 - 3: Delete This Application
- Press any key to go back!

3

Applications Deleted: 1

-----My Jobs-----

- 1: Filter
 - 2: Non Filter
- Press any key to go back!

2

No Applications Found!

-----Profile-----

- 1: update base profile
 - 2: update education/employment/project
 - 3: update achievements
 - 4: update languages
 - 5: update keyskills
 - 6: Show your profile
 - 0: Change Password
- Press any number to skip

□



Press Any Key to Skip...

1

Language added: 1

Languages: [German]

1: Add/Delete Language

Press any key to go back!

1

-----Search languages to Add/Delete-----

Enter keyword to search: ger

searched languages: 3

Press 0 to skip....

1: German

2: Low German / Low Saxon

3: Pennsylvania German

1

1: Add this Language

2: Remove this Language

Press Any Key to Skip...

2

Language removed: 1

Languages: []

1: Add/Delete Language

Press any key to go back!

f

-----Profile-----

1: update base profile

2: update education/employment/project

3: update achievements

4: update languages

5: update keyskills

6: Show your profile

0: Change Password

Press any number to skip



MySQL Workbench

Local instance 3306 × Job_Portal ×

File Edit View Query Database Server Tools Scripting Help

Query 3 × users × educations × applications × seeker_answers × seeker_languages × companies × jobs × reviews ×

Limit to 1000 rows

```
1 • use buif8mprfkfyazp9pvrn;
2 • SELECT first_name, last_name, email, name as language_name FROM seeker_languages join languages using(language_id) join job_seekers using(job_seeker_id) join users usir
```

Result Grid Filter Rows: Export: Wrap Cell Content:

| # | first_name | last_name | email | language_name |
|---|--------------|-----------|----------------------------|---------------|
| 1 | Siva Prakash | Kumar | sivaprakash.19cs@kct.ac.in | German |

Result 7 ×

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|----|----------|--------------------------------------------------------|-------------------|-----------------------|
| 41 | 10:05:48 | SELECT * FROM seeker_languages join languages u... | 1 row(s) returned | 0.197 sec / 0.0000... |
| 42 | 10:07:10 | SELECT first_name, last_name, email, location, name... | 1 row(s) returned | 0.195 sec / 0.0000... |
| 43 | 10:07:24 | SELECT first_name, last_name, email, name as langu... | 1 row(s) returned | 0.188 sec / 0.0000... |

Query Completed

-----Search skills to Add/Delete-----

Enter keyword to search: .net

Press 0 to skip....

1: .NET
2: .NET CLR
3: .NET Compact Framework
4: .Net Core
5: .NET Framework
6: .NET Remoting
7: ADO.NET
8: ASP.NET
9: ASP.NET AJAX
10: ASP.NET Core
11: ASP.NET Core MVC
12: ASP.NET MVC
13: ASP.NET Web API
14: Authorize.net
15: Box.net
16: Delphi.net
17: Duduf.net
18: Ext.Net
19: JScript.NET
20: K2.net 2003
21: Paint.NET
22: Res.net
23: Visual Basic .NET (VB.NET)

3

1: Add this Skill

2: Remove this Skill

Press Any Key to Skip...

2

keyskill removed: 1

Skills: []

1: Add/Delete Skill

Press any key to go back!



```
3: update achievements  
4: update languages  
5: update keyskills  
6: Show your profile  
0: Change Password  
Press any number to skip  
h
```

-----Home-----

```
1: Profile  
2: My Jobs  
3: My reviews  
4: Job Feeds  
5: Company Feeds  
6: logout  
6
```

Press 1 to login 2 to signup: 2

-----REGISTER-----

First name: Adithya

Last name: Advani

Email: aditya_traders@gmail.com

Password: aditya_123

Register as job seeker/job_provider(1/2): 2

Join an existing company/Create a new Company(1/2): 1

Company Name: Chan Raze

Company name not exists...

Company Name: Chan Razer

Designation: Recruiter

auto commit turned off

committed

auto commit turned on

Registration Successfull

```
{ userType='JOB_PROVIDER', firstName='Adithya', lastName='Advani', gender='not defined', email='aditya_traders@gmail.com', location='not specified', phone='no  
t defined', DOB='null' designation='Recruiter', company='Chan Razer'}
```

-----if nothing to update leave fields as blank-----

update First Name to:

□



```
ningoyal123@gmail.com :~/java projects/Job-Portal$ java -jar ./Job-Portal.jar
database successfully connected : [DB=buif8mprfkfyazp9pvrn, HOST=buif8mprfkfyazp9pvrn-mysql.services.clever-cloud.com, PORT=3306]
Press 1 to login 2 to signup: 1
-----LOGIN-----
Email: aditya_traders@gmail.com
Password: aditya_123
logged in successfully..
-----Home-----
1: Profile
2: job feed
3: post a job
0: logout
3
Job title: Java Developer
Job Description: Candidate will develop applications using spring boot.
Location Type: Remote
Job Location: Noida
Full time/Part time: Full Time
Job Openings: 3
Education Level: B.E
Candidate Profile: Should be proficient in OOPS and DSA.
pay per month:
    From: 90000
    To: 100000
-----select and add by typing y/n job types-----
1: Permanent(y/n)
y
2: Temporary(y/n)
n
3: Freelance(y/n)
n
4: Volunteer(y/n)
n
5: Internship(y/n)
y
6: Fresher(y/n)
n
-----select and add by typing y/n job schedules-----

```

```
n  
5: Internship(y/n)  
y  
6: Fresher(y/n)  
n  
-----select and add by typing y/n job schedules-----  
1: Morning shift(y/n)  
n  
2: Day shift(y/n)  
y  
3: Evening shift(y/n)  
y  
4: Night shift(y/n)  
n  
5: Flexible shift(y/n)  
n  
6: Rotational shift(y/n)  
n  
7: Fixed shift(y/n)  
n  
8: US shift(y/n)  
y  
-----Ask your applicant questions-----  
Do you want to add questions(y/n)  
y  
What is your experience in this field  
Do you want to add one more(y/n)  
y  
How many projects have you done in spring boot java  
Do you want to add one more(y/n)  
n  
came to part 1 in generateQuestionsAsString  
Posted successfully...  
-----Feed-----  
1: Filter  
2: Non Filter  
Press any key to go back!  
█
```

```
ningoyal123@gmail.com :~/java projects/Job-Portal$ java -jar ./Job-Portal.jar
database successfully connected : [DB=buif8mprfkfyazp9pvrn, HOST=buif8mprfkfyazp9pvrn-mysql.services.clever-cloud.com, PORT=3306]
Press 1 to login 2 to signup: 1
-----LOGIN-----
Email: sivaprakash.19cs@kct.ac.in
Password: Deepika@71199
logged in successfully..
-----Home-----
1: Profile
2: My Jobs
3: My reviews
4: Job Feeds
5: Company Feeds
6: logout
4
-----Feed-----
1: Filter
2: Non Filter
Press any key to go back!
1
-----Filter By Following fields if not leave blank-----
Job title: Java
Company name:
Job Location:
Salary(y/n): y
-----Salry Filter-----
1: 18000+/month
2: 25000+/month
3: 29000+/month
4: 35000+/month
5: 48000+/month
5
----- Sort type -----
1: job title ascending
2: job title descending
3: date posted ascending
4: date posted descending
4
```

```
7. Date posted descending
4
----- Date posted -----
1: Last 24 hours
2: Last 3 days
3: Last 7 days
4: Last 14 days
5: Last 28 days
2
1: Java Developer
Chan Razer
NoidaSalary ₹90000.00 - ₹100000.00 per Month
Profile: Should be .....

-----Select and View-----
1
came to part 1 in generateQuestionsAsStrings
came to part 2 in generateQuestionsAsStrings
1: view full job
2: apply this job
3: view company details
1
Job Title: Java Developer
Company: Chan Razer
Location: Noida
Job Time: Full Time
Job Openings: 3
Education Level: B.E
Posted on : 4 Feb 2022
Salary ₹90000.00 - ₹100000.00 per Month
-----Description-----
Candidate will develop applications using spring boot.
-----Candidate Profile-----
Should be proficient in OOPS and DSA.
----- Job Types-----
[Permanent, Internship]
----- Job Schedules-----
[Day shift, Evening shift, US shift]
--Feed--
```

Local instance 3306 × Job_Portal ×

File Edit View Query Database Server Tools Scripting Help

Query 3 × users × educations × applications × seeker_answers × seeker_languages × companies × jobs × reviews × jobs ×

Limit to 1000 rows

```
1 • openings,first_name as recruiter,buif8mprfkfyazp9pvrn.pays.from as 'Salary From',buif8mprfkfyazp9pvrn.pays.to as 'Salary To' FROM buif8mprfkfyazp9pvrn.jobs join buif...
```

Result Grid Filter Rows: Export: Wrap Cell Content:

| # | title | job_status | job_location | openings | recruiter | Salary From | Salary To |
|----|--------------------------|------------|--------------|----------|-----------|-------------|-----------|
| 3 | Web developer | OPEN | Karnataka | 3 | CHAN | 26000.00 | 55000.00 |
| 4 | Kernal Developer | OPEN | chennai | 10 | CHAN | 55000.00 | 65000.00 |
| 5 | React Developer | OPEN | chennai | 10 | CHAN | 75000.00 | 90000.00 |
| 6 | Nodejs Developer | OPEN | Bangalore | 10 | CHAN | 53000.00 | 67000.00 |
| 7 | Database Developer | OPEN | Karnataka | 10 | CHAN | 13000.00 | 22000.00 |
| 8 | Kernal Developer | OPEN | Karnataka | 10 | CHAN | 16500.00 | 27000.00 |
| 9 | App Developer | CLOSE | Bangalore | 10 | CHAN | 65000.00 | 79000.00 |
| 10 | Software Developer | OPEN | chennai | 10 | CHAN | 70000.00 | 870000.00 |
| 11 | associate software de... | OPEN | chennai | 3 | CHAN | 46000.00 | 56000.00 |
| 12 | intern | OPEN | Bangalore | 4 | CHAN | 10000.00 | 20000.00 |
| 13 | Web 3.0 | CLOSE | Pune | 7 | CHAN | 35000.00 | 60000.00 |
| 14 | Java Developer | CLOSE | Pune | 4 | Adithya | 66000.00 | 77000.00 |
| 15 | Java Developer | OPEN | Noida | 3 | Adithya | 90000.00 | 100000.00 |

Result 9 × Read Only

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|----|----------|-----------------------------------------------------|--------------------|----------------------|
| 52 | 10:56:02 | SELECT title,job_status,buif8mprfkfyazp9pvrn.job... | 15 row(s) returned | 0.184 sec / 0.000... |
| 53 | 10:56:17 | SELECT title,job_status,buif8mprfkfyazp9pvrn.job... | 15 row(s) returned | 0.183 sec / 0.000... |
| 54 | 10:56:20 | SELECT title,job_status,buif8mprfkfyazp9pvrn.job... | 15 row(s) returned | 0.193 sec / 0.000... |

Query Completed

```
ningoyal123@gmail.com :~/java projects/Job-Portal$ java -jar ./Job-Portal.jar
database successfully connected : [DB=buif8mprfkfyazp9pvrn, HOST=buif8mprfkfyazp9pvrn-mysql.services.clever-cloud.com, PORT=3306]
Press 1 to login 2 to signup: 1
-----LOGIN-----
Email: sivaprakash.19cs@kct.ac.in
Password: Deepika@71199
logged in successfully..
-----Home-----
1: Profile
2: My Jobs
3: My reviews
4: Job Feeds
5: Company Feeds
6: logout
4
-----Feed-----
1: Filter
2: Non Filter
Press any key to go back!
1
-----Filter By Following fields if not leave blank-----
Job title: java
Company name:
Job Location:
Salary(y/n): n
----- Sort type -----
1: job title ascending
2: job title descending
3: date posted ascending
4: date posted descending
1
----- Date posted -----
1: Last 24 hours
2: Last 3 days
3: Last 7 days
4: Last 14 days
5: Last 28 days
1
```

```
Salary(y/n): n
----- Sort type -----
1: job title ascending
2: job title descending
3: date posted ascending
4: date posted descending
1
----- Date posted -----
1: Last 24 hours
2: Last 3 days
3: Last 7 days
4: Last 14 days
5: Last 28 days
1
1: Java Developer
Chan Razer
NoidaSalary ₹90000.00 - ₹100000.00 per Month
Profile: Should be .....

-----Select and View-----
1
came to part 1 in generateQuestionsAsString
came to part 2 in generateQuestionsAsString
1: view full job
2: apply this job
3: view company details
2
came to part 1 in generateQuestionsAsString
What is your experience in this field?
3+ years
How many projects have you done in spring boot java?
22
Applied successfully...
-----My Jobs-----
1: Filter
2: Non Filter
Press any key to go back!
```



-- LOGIN --
Email: aditya_traders@gmail.com
Password: aditya_123
logged in successfully..
-----Home-----

1: Profile
2: job feed
3: post a job
0: logout
2

-----Feed-----

1: Filter
2: Non Filter
Press any key to go back!
2

jobs successfully fetched.....

-----Select and View-----

1:
Java Developer 1 Active 0 Reviewed 0 of 3 hired
 Noida Created at 4 Feb 2022
2:
Java Developer 0 Active 0 Reviewed 0 of 4 hired
 Pune Created at 4 Feb 2022

1
came to part 1 in generateQuestionsAsString
came to part 2 in generateQuestionsAsString

1: view full job
2: edit this job
3: view candidates
4: update job status
Press any key to go back!

3

-----Candidates-----

1: Filter
2: Non Filter
Press any key to go back!

2
1: First Name: Siva Prakash email: sivaprakash.19cs@kct.ac.in applicationStatus: ACTIVE appliedAt: 5 Feb 2022 at 12:03 AM resume: resume_Siva Prakash 9

-----Candidates-----

1: Filter
2: Non Filter
Press any key to go back!
2
1: First Name: Siva Prakash email: sivaprakash.19cs@kct.ac.in applicationStatus: ACTIVE appliedAt: 5 Feb 2022 at 12:03 AM resume: resume_Siva Prakash_9
Select and view
1
1: view applicant details
2: update this application
3: view full application details
Press any key to go back!
3
came to part 1 in generateQuestionsAsString

-----Applicant details-----

```
{ userType='null', firstName='Siva Prakash', lastName='Kumar', gender='null', email='sivaprakash.19cs@kct.ac.in', location='null', phone='null', DOB='null' id ='9', keySkills='[]', languages='[German ]', employments='[]', educations='[Education [course=ECE, courseType=Part Time, education=B.E, grade=9.5, institute=K CT, passout=2023]]', projects='[]', accomplishments='null'}
```

-----Questions and answers-----

ques 01: What is your experience in this field?
ans 01: 3+ years
ques 11: How many projects have you done in spring boot java?
ans 11: 22

-----Job Details-----

Awaiting : 1 Reviewed: 0 Hired: 0 Rejected: 0

Job Title: Java Developer
Company: Chan Razer
Location: Noida
Job Time: Full Time

```
-----Job Details-----  
Awaiting : 1 Reviewed: 0 Hired: 0 Rejected: 0  
  
Job Title: Java Developer  
Company: Chan Razer  
Location: Noida  
Job Time: Full Time  
Job Openings: 3  
Education Level: B.E  
Posted on : 4 Feb 2022  
Salary ₹90000.00 - ₹100000.00 per Month  
-----Description-----  
Candidate will develop applications using spring boot.  
-----Candidate Profile-----  
Should be proficient in OOPS and DSA.  
----- Job Types-----  
[Permanent, Internship]  
----- Job Schedules-----  
[Day shift, Evening shift, US shift]  
1: view applicant details  
2: update this application  
3: view full application details  
Press any key to go back!  
2  
-----update Active//Reviewed//Rejected//Hired -----  
1: to hired  
2: to reviewed  
3: to rejected  
1  
status updated  
Status Updated: ACTIVE  
  
1: view applicant details  
2: update this application  
3: view full application details  
Press any key to go back!
```

Local instance 3306 × Job_Portal ×

File Edit View Query Database Server Tools Scripting Help

Query 3 × users × educations × seeker_answers × seeker_languages × companies × reviews × jobs × jobs × applications × job_providers ×

Limit to 1000 rows

```

1 • use buif8mprfkfyazp9pvrn;
2 -- select * from applications;
3 • SELECT je_users.first_name as candidate,a.resume,status,j.title as job,jp_users.first_name as recruiter,appliedAt,cp.name as Company
4 FROM applications a
5     join jobs j using(job_id)
6     join job_seekers je using(job_seeker_id)
7     join job_providers jp using(job_provider_id)
8     join companies cp on cp.company_id=jp.company_id
9     join users je_users on je.user_id=je_users.user_id
10    join users id_users on id.user_id=id_users.user_id

```

Result Grid Filter Rows: Export: Wrap Cell Content: # candidate resume status job recruiter appliedAt Company

| # | candidate | resume | status | job | recruiter | appliedAt | Company |
|---|--------------|-----------------------|----------|------------------------------|-----------|---------------------|------------|
| 2 | siva | resume_siva_1 | REJECTED | Software Developer | CHAN | 2022-02-01 10:55:27 | Chan Razer |
| 3 | dhanush | resume_dhanush_2 | REJECTED | Software Developer | CHAN | 2022-02-01 13:02:30 | Chan Razer |
| 4 | siva | resume_siva_1 | ACTIVE | associate software developer | CHAN | 2022-02-01 13:08:30 | Chan Razer |
| 5 | siva | resume_siva_1 | REVIEWED | Software Developer | CHAN | 2022-02-01 13:21:54 | Chan Razer |
| 6 | rahul | resume_rahul_3 | REVIEWED | Software Developer | CHAN | 2022-02-01 13:23:02 | Chan Razer |
| 7 | prasanth | resume_prasanth_4 | ACTIVE | Software Developer | CHAN | 2022-02-01 13:23:47 | Chan Razer |
| 8 | siva | resume_siva_1 | ACTIVE | Kernal Developer | CHAN | 2022-02-03 16:59:10 | Chan Razer |
| 9 | Siva Prakash | resume_Siva Prakash_9 | HIRE | Java Developer | Adithya | 2022-02-05 05:33:16 | Chan Razer |

Result 20 × Read Only

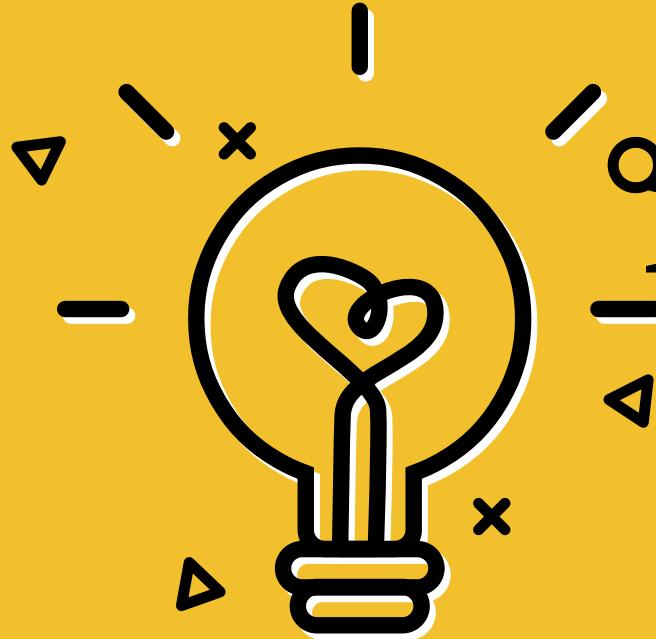
Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|-----------------------------------------------------|-------------------|----------------------|
| 122 | 11:45:02 | SELECT je_users.first_name as candidate,a.resume... | 9 row(s) returned | 0.226 sec / 0.000... |
| 123 | 11:47:22 | use buif8mprfkfyazp9pvrn | 0 row(s) affected | 0.184 sec |
| 124 | 11:47:23 | SELECT je_users.first_name as candidate,a.resume... | 9 row(s) returned | 0.197 sec / 0.000... |

Query Completed

```
1: view full details of the company
2: view all reviews
3: post a review
3
Job title:
Java Developer
ratings(5):
5
job location:
Noida
what your job status:
1: former employer
2: current employer
2
review:
I recently joined this company as java developer Eventhough I'm junior,seniours take care of me very much.
Pros:
Surrounded by trees
Cons:
none
Reviewed Successfully..
-----My Reviews-----
1: Filter
2: Non Filter
Press any key to go back!
2
-----Select and View-----
1: { id='9', ratings='5', reviewedAt='2022-02-05T00:58:44', review='I recently joined this company as java developer Eventhough I'm junior,seniours take care of me very much.', pros='Surrounded by trees', cons='none', jobTitle='Java Developer', jobStatus='Current Employer', location='Noida'}
1
{ id='9', ratings='5', reviewedAt='2022-02-05T00:58:44', review='I recently joined this company as java developer Eventhough I'm junior,seniours take care of me very much.', pros='Surrounded by trees', cons='none', jobTitle='Java Developer', jobStatus='Current Employer', location='Noida'}
1: Edit Review
2: Delete Review
Press any key to go back!
1
```

```
-----My Reviews-----  
1: Filter  
2: Non Filter  
Press any key to go back!  
2  
-----Select and View-----  
1: { id='9', ratings='5', reviewedAt='2022-02-05T00:58:44', review='I recently joined this company as java developer Eventhough I'm junior,seniours take care  
of me very much.', pros='Surrounded by trees', cons='none', jobTitle='Java Developer', jobStatus='Current Employer', location='Noida'}  
1  
{ id='9', ratings='5', reviewedAt='2022-02-05T00:58:44', review='I recently joined this company as java developer Eventhough I'm junior,seniours take care of  
me very much.', pros='Surrounded by trees', cons='none', jobTitle='Java Developer', jobStatus='Current Employer', location='Noida'}  
1: Edit Review  
2: Delete Review  
Press any key to go back!  
1  
-----if nothing to update leave fields as blank-----  
update Job Title to:  
update Job Status(Former/Current Employer) to:  
update Job Location to:  
update Ratings to:  
4  
update Review to:  
update Pros to:  
update Cons to:  
company holds many secrets from employees  
review update: 1  
review updated successfully..  
updated review:  
{ id='9', ratings='4', reviewedAt='2022-02-05T00:58:44', review='I recently joined this company as java developer Eventhough I'm junior,seniours take care of  
me very much.', pros='Surrounded by trees', cons='company holds many secrets from employees', jobTitle='Java Developer', jobStatus='Current Employer', location='Noida'}
```



Indexing

MySQL Workbench

Local instance 3306 × Job_Portal ×

File Edit View Query Database Server Tools Scripting Help

Query 3 × users × educations × seeker_answers × seeker_languages × companies × reviews × jobs × jobs × applications × job_providers ×

Limit to 1000 rows

```
1 •
2 • ver,job_title,ratings,reviews.location,review,pros,cons FROM reviews join companies using(company_id) join job_seekers using(job_seeker_id) join users using(user_id)
```

Result Grid Filter Rows: Export: Wrap Cell Content: # Company reviewer job_title ratings location review pros cons

| # | Company | reviewer | job_title | ratings | location | review | pros | cons |
|---|------------|--------------|---------------------------|---------|----------|---------------------------------|---------------------|------------------------------|
| 1 | Chan Razer | siva | Associate Project Manager | 5 | Noida | Very Very Nice | NONE | NONE |
| 2 | Chan Razer | Siva Prakash | Java Developer | 4 | Noida | I recently joined this compa... | Surrounded by trees | company holds many secret... |

Result 2 × Read Only

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|-----------------------------------------------------|---------------------------------------------------|-----------------------|
| 128 | 12:02:57 | SELECT name as Company, first_name as reviewer,j... | Error Code: 1052. Column 'location' in field l... | 0.201 sec |
| 129 | 12:03:10 | use buif8mprfkfyazp9pvrn | 0 row(s) affected | 0.185 sec |
| 130 | 12:03:10 | SELECT name as Company, first_name as reviewer,j... | 2 row(s) returned | 0.191 sec / 0.0000... |

Query Completed

Local instance 3306 × Job_Portal ×

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

Filter objects

- job_providers
- jobs
- job_schedules
- job_seekers
- job_types
- key_skills
 - Columns
 - Indexes
 - PRIMARY
- idx_skillName
 - Foreign Keys
 - Triggers
 - languages
 - pays
 - projects

Object Info Session

Index: idx_skillName

Definition:

Type FULLTEXT
Unique No
Visible Yes
Columns name

Query 1 ×

Limit to 1000 rows

```

1 • use job_portal;
2 • show indexes in key_skills;
3 • create fulltext index idx_skillName on key_skills(name);
4 • select * from key_skills where name like "%web dev%";
5 • select * from key_skills where match(name) against("web dev" in boolean mode) AND name like '%web dev%';

```

Result Grid Filter Rows: Export: Wrap Cell Content: # Table Non_unique Key_name Seq_in_index Column_name Collation Cardinality Sub_part Packed Null Index_type Comment Index_commen Visible Expression

| # | Table | Non_unique | Key_name | Seq_in_index | Column_name | Collation | Cardinality | Sub_part | Packed | Null | Index_type | Comment | Index_commen | Visible | Expression |
|---|------------|------------|---------------|--------------|--------------|-----------|-------------|----------|--------|------|------------|----------|--------------|---------|------------|
| 1 | key_skills | 0 | PRIMARY | 1 | key_skill_id | A | 38028 | | HULL | HULL | BTREE | | YES | HULL | |
| 2 | key_skills | 1 | idx_skillName | 1 | name | HULL | 38028 | | HULL | HULL | YES | FULLTEXT | YES | HULL | |

Result 147 ×

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|-----------------------------------------------------|-------------------|----------------------|
| 195 | 17:13:26 | select * from key_skills where match(name) again... | 0 row(s) returned | 0.0023 sec / 0.00... |
| 196 | 17:13:32 | select * from key_skills where match(name) again... | 5 row(s) returned | 0.0025 sec / 0.00... |
| 197 | 17:14:00 | show indexes in key_skills | 2 row(s) returned | 0.0022 sec / 0.00... |

Query Completed

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

Filter objects

- job_providers
- jobs
- job_schedules
- job_seekers
- job_types
- key_skills
- Columns
- Indexes
- PRIMARY
- idx_skillName**
- Foreign Keys
- Triggers
- languages
- pays
- projects

Object Info Session

Index: idx_skillName

Definition:

Type FULLTEXT
Unique No
Visible Yes
Columns name

Query 1

Limit to 1000 rows

```

1 • use job_portal;
2 • show indexes in key_skills;
3 • create fulltext index idx_skillName on key_skills(name);
4 • explain select * from key_skills where name like "%web dev%";
5 • select * from key_skills where match(name) against("web dev" in boolean mode) AND name like '%web dev%';

```

Result Grid

| # | id | select_type | table | partitions | type | possible_keys | key | key_len | ref | rows | filtered | Extra |
|---|----|-------------|------------|------------|------|---------------|------|---------|------|-------|----------|-------------|
| 1 | 1 | SIMPLE | key_skills | HULL | ALL | HULL | HULL | HULL | HULL | 36154 | 11.11 | Using where |

Result 148

Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|-------------------------------------------------------|-------------------|----------------------|
| 196 | 17:13:32 | select * from key_skills where match(name) again... | 5 row(s) returned | 0.0025 sec / 0.00... |
| 197 | 17:14:00 | show indexes in key_skills | 2 row(s) returned | 0.0022 sec / 0.00... |
| 198 | 17:14:25 | explain select * from key_skills where name like "... | 1 row(s) returned | 0.0010 sec / 0.00... |

Query Completed

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

Filter objects

- job_providers
- jobs
- job_schedules
- job_seekers
- job_types
- key_skills
 - Columns
 - Indexes

PRIMARY

idx_skillName

- Foreign Keys
- Triggers
- languages
- pays
- projects

Object Info Session

Index: idx_skillName

Definition:

Type FULLTEXT
Unique No
Visible Yes
Columns name

Query 1

```

1 • use job_portal;
2 • show indexes in key_skills;
3 • create fulltext index idx_skillName on key_skills(name);
4 • explain select * from key_skills where name like "%web dev%";
5 • explain select * from key_skills where match(name) against("web dev" in boolean mode) AND name like '%web dev%';

```

Result Grid

| # | id | select_type | table | partitions | type | possible_keys | key | key_len | ref | rows | filtered | Extra |
|---|----|-------------|------------|------------|----------|---------------|---------------|---------|-------|------|----------|-------------------------------|
| 1 | 1 | SIMPLE | key_skills | NULL | fulltext | idx_skillName | idx_skillName | 0 | const | 1 | 100.00 | Using where; Ft_hints: no_... |

Result 149

Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|-----------------------------------------------------------------------------------------------------------------|-------------------|----------------------|
| 197 | 17:14:00 | show indexes in key_skills | 2 row(s) returned | 0.0022 sec / 0.00... |
| 198 | 17:14:25 | explain select * from key_skills where name like "%web dev%" | 1 row(s) returned | 0.0010 sec / 0.00... |
| 199 | 17:15:03 | explain select * from key_skills where match(name) against("web dev" in boolean mode) AND name like '%web dev%' | 1 row(s) returned | 0.0014 sec / 0.00... |

Query Completed

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

Filter objects

- ▶ applications
- ▶ companies
- ▶ educations
- ▶ employments
- ▶ job_job_schedules
- ▶ job_job_types
- ▶ job_providers
- jobs**
- ▶ job_schedules
- ▶ job_seekers
- ▶ job_types
- ▶ key_skills

 - ▶ Columns
 - ▶ Indexes
 - ▶ PRIMARY

Object Info Session

Table: jobs

Columns:

| | |
|----------------|--------------|
| job_id | int AI PK |
| title | varchar(255) |
| description | mediumtext |
| location_type | varchar(45) |
| location | varchar(255) |
| fullOrPartTime | varchar(45) |
| openings | int |

Query 1 × SQL File 13* × jobs ×

Limit to 1000 rows

```

1 •
2 • ills;
3 • idx_skillName on key_skills(name);
4 • ls where name like "%web dev%";
5 • key_skills where name like "%web dev%";
6 • against("web dev.*" in boolean mode) as matching_factor from key_skills where match(name) against("web dev.*" in boolean mode);
7 • ls where match(name) against(".*web dev.*" in boolean mode) AND name like '%web dev%';
8 • key_skills where match(name) against(".*web dev.*" in boolean mode) AND name like '%web dev%';

```

Result Grid

| # | key_skill_id | name | matching_factor |
|---|--------------|-----------------------------|-------------------|
| 1 | 1170 | Agile Web Development | 8.534992218017578 |
| 2 | 2681 | Back-End Web Development | 8.534992218017578 |
| 3 | 9993 | Développement web back-... | 8.534992218017578 |
| 4 | 9994 | Développement web front-... | 8.534992218017578 |
| 5 | 13300 | Front-End Web Development | 8.534992218017578 |
| 6 | 35445 | Visual Web Developer | 8.534992218017578 |
| 7 | 35879 | Web 2.0 Development | 8.534992218017578 |
| 8 | 35885 | Web Application Developm... | 8.534992218017578 |

Result 203 ×

Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|
| 261 | 17:33:16 | select * from key_skills where match(name) against("web dev.*" in boolean mode); | 5 row(s) returned | 0.0067 sec / 0.00... |
| 262 | 17:33:23 | select * from key_skills where match(name) against("web dev.*" in boolean mode); | 771 row(s) returned | 0.0038 sec / 0.00... |
| 263 | 17:34:00 | select *,match(name) against("web dev.*" in boolean mode) as matching_factor from key_skills where match(name) against("web dev.*" in boolean mode); | 771 row(s) returned | 0.0066 sec / 0.00... |

Query Completed

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

Filter objects

- applications
- companies
- educations
- employments
- job_job_schedules
- job_job_types
- job_providers
- jobs**
- job_schedules
- job_seekers
- job_types
- key_skills

 - Columns
 - Indexes

PRIMARY

Object Info Session

Table: jobs

Columns:

| | |
|----------------|--------------|
| job_id | int AI PK |
| title | varchar(255) |
| description | mediumtext |
| location_type | varchar(45) |
| location | varchar(255) |
| fullOrPartTime | varchar(45) |
| openings | int |

Query 1 × SQL File 13* × jobs ×

Limit to 1000 rows

```

1 • use job_portal;
2 • show indexes in key_skills;
3 • create fulltext index idx_skillName on key_skills(name);
4 • select * from key_skills where name like "%web dev%";
5 • explain select * from key_skills where name like "%web dev%";
6 • select *,match(name) against("web dev.*" in boolean mode) as matching_factor from key_skills where match(name) against("web dev.*" in boolean mode);
7 • select * from key_skills where match(name) against(".*web dev.*" in boolean mode) AND name like '%web dev%';
8 • explain select * from key_skills where match(name) against(".*web dev.*" in boolean mode) AND name like '%web dev%';
9 • show status like "last_query_cost";

```

Result Grid Filter Rows: Q Export: Wrap Cell Content: □

| # | Variable_name | Value |
|---|-----------------|-------------|
| 1 | Last_query_cost | 3775.330416 |

Result 211 ×

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|------------------------------------------------------------------------|-------------------|----------------------|
| 278 | 17:39:42 | show status like "last_query_cost" | 1 row(s) returned | 0.0025 sec / 0.00... |
| 279 | 17:40:35 | select * from key_skills where name like "%web de... 5 row(s) returned | | 0.034 sec / 0.000... |
| 280 | 17:40:38 | show status like "last_query_cost" | 1 row(s) returned | 0.0018 sec / 0.00... |

Query Completed

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

Filter objects

- applications
- companies
- educations
- employments
- job_job_schedules
- job_job_types
- job_providers
- jobs**
- job_schedules
- job_seekers
- job_types
- key_skills

 - Columns
 - Indexes

PRIMARY

Object Info Session

Table: jobs

Columns:

| | |
|----------------|--------------|
| job_id | int AI PK |
| title | varchar(255) |
| description | mediumtext |
| location_type | varchar(45) |
| location | varchar(255) |
| fullOrPartTime | varchar(45) |
| openings | int |

Query 1 × SQL File 13* × jobs ×

Limit to 1000 rows

```

1 • use job_portal;
2 • show indexes in key_skills;
3 • create fulltext index idx_skillName on key_skills(name);
4 • select * from key_skills where name like "%web dev%";
5 • explain select * from key_skills where name like "%web dev%";
6 • select *,match(name) against("web dev.*" in boolean mode) as matching_factor from key_skills where match(name) against("web dev.*" in boolean mode);
7 • select * from key_skills where match(name) against(".*web dev.*" in boolean mode) AND name like '%web dev%';
8 • explain select * from key_skills where match(name) against(".*web dev.*" in boolean mode) AND name like '%web dev%';
9 • show status like "last_query_cost";

```

Result Grid Filter Rows: Q Export: Wrap Cell Content: □

| # | Variable_name | Value |
|---|-----------------|----------|
| 1 | Last_query_cost | 1.092363 |

Result 213 ×

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|-----------------------------------------------------------|---------------------|----------------------|
| 280 | 17:40:38 | show status like "last_query_cost" | 1 row(s) returned | 0.0018 sec / 0.00... |
| 281 | 17:40:48 | select *,match(name) against("web dev.*" in boolean mode) | 771 row(s) returned | 0.0052 sec / 0.00... |
| 282 | 17:40:53 | show status like "last_query_cost" | 1 row(s) returned | 0.0018 sec / 0.00... |

Query Completed

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

Filter objects

- applications
- companies
- educations
- employments
- job_job_schedules
- job_job_types
- job_providers
- jobs**
- job_schedules
- job_seekers
- job_types
- key_skills
- Columns
- Indexes
- PRIMARY

Object Info Session

Table: jobs

Columns:

| | |
|----------------|--------------|
| job_id | int AI PK |
| title | varchar(255) |
| description | mediumtext |
| location_type | varchar(45) |
| location | varchar(255) |
| fullOrPartTime | varchar(45) |
| openings | int |

Query 1 × SQL File 13* × jobs ×

Limit to 1000 rows

```
1 • create fulltext index Fidx_jobTitle on jobs(title);
2 • select * from jobs where title like "%soft%";
3 • explain select * from jobs where title like "%soft%";
4
5 • select * from jobs where match(title) against("soft.*" in boolean mode);
6 • select * from jobs where match(title) against("soft.*" in boolean mode) and title like "%soft%";
7 • explain select * from jobs where match(title) against("soft") and title like "%soft%";
8
9 • show status like "last_query_cost";
10
```

Result Grid Filter Rows: Q Export: Wrap Cell Content:

| # | Variable_name | Value |
|---|-----------------|----------|
| 1 | Last_query_cost | 1.549000 |

Result 25 ×

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|--------------------------------------------------------|-------------------|----------------------|
| 292 | 17:45:16 | show status like "last_query_cost" | 1 row(s) returned | 0.0011 sec / 0.0... |
| 293 | 17:48:48 | select * from jobs where title like "%soft%" LIMIT ... | 3 row(s) returned | 0.00070 sec / 0.0... |
| 294 | 17:48:53 | show status like "last_query_cost" | 1 row(s) returned | 0.0012 sec / 0.0... |

Query Completed

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

Filter objects

- applications
- companies
- educations
- employments
- job_job_schedules
- job_job_types
- job_providers
- jobs**
- job_schedules
- job_seekers
- job_types
- key_skills
- Columns
- Indexes
- PRIMARY

Object Info Session

Table: jobs

Columns:

| | |
|----------------|--------------|
| job_id | int AI PK |
| title | varchar(255) |
| description | mediumtext |
| location_type | varchar(45) |
| location | varchar(255) |
| fullOrPartTime | varchar(45) |
| openings | int |

Query 1 × SQL File 13* × jobs ×

Limit to 1000 rows

```

1 • create fulltext index Fidx_jobTitle on jobs(title);
2 • select * from jobs where title like "%soft%";
3 • explain select * from jobs where title like "%soft%";
4
5 • select * from jobs where match(title) against("soft.*" in boolean mode);
6 • select * from jobs where match(title) against("soft.*" in boolean mode) and title like "%soft%";
7 • explain select * from jobs where match(title) against("soft") and title like "%soft%";
8
9 • show status like "last_query_cost";
10

```

Result Grid Filter Rows: Q Export: Wrap Cell Content:

| # | Variable_name | Value |
|---|-----------------|----------|
| 1 | Last_query_cost | 0.349000 |

Result 27 ×

Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|----------------------------------------------------------|-------------------|----------------------|
| 294 | 17:48:53 | show status like "last_query_cost" | 1 row(s) returned | 0.0012 sec / 0.0... |
| 295 | 17:49:03 | select * from jobs where match(title) against("soft...") | 3 row(s) returned | 0.00077 sec / 0.0... |
| 296 | 17:49:08 | show status like "last_query_cost" | 1 row(s) returned | 0.0013 sec / 0.0... |

Read Only

Query Completed

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

Filter objects

- applications
- companies
- educations**
- employments
- job_job_schedules
- job_job_types
- job_providers
- jobs
- job_schedules
- job_seekers
- job_types
- key_skills
- Columns
- Indexes

PRIMARY

Object Info Session

Table: educations

Columns:

| | |
|-----------------|--------------|
| education_id | int AI PK |
| education_level | varchar(25) |
| course | varchar(128) |
| institution | varchar(255) |
| course_type | varchar(25) |
| passout | int |
| grade | float |

Query 1 × SQL File 13* × jobs × jobs × companies ×

Limit to 1000 rows

```

1 create index idx_jobStatus on jobs(job_status);
2 • select * from jobs where job_status="close";
3 • explain select * from jobs where job_status="close";
4
5 • explain select * from jobs use index(primary) where job_status="close";

```

Result Grid Filter Rows: Export: Wrap Cell Content:

| # | id | select_type | table | partitions | type | possible_keys | key | key_len | ref | rows | filtered | Extra |
|---|----|-------------|-------|------------|------|---------------|------|---------|------|------|----------|-------------|
| 1 | 1 | SIMPLE | jobs | NULL | ALL | NULL | NULL | NULL | NULL | 13 | 50.00 | Using where |

Result 6 ×

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|-------------------------------------------------------|-------------------|----------------------|
| 302 | 17:55:42 | select * from jobs where job_status="close" LIMIT ... | 2 row(s) returned | 0.00091 sec / 0.0... |
| 303 | 17:55:56 | explain select * from jobs where job_status="close" | 1 row(s) returned | 0.00045 sec / 0.0... |
| 304 | 17:56:22 | explain select * from jobs use index(primary) wher... | 1 row(s) returned | 0.0011 sec / 0.0... |

Query Completed

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

Filter objects

- applications
- companies
- educations**
- employments
- job_job_schedules
- job_job_types
- job_providers
- jobs
- job_schedules
- job_seekers
- job_types
- key_skills
- Columns
- Indexes

PRIMARY

Object Info Session

Table: educations

Columns:

| | |
|-----------------|--------------|
| education_id | int AI PK |
| education_level | varchar(25) |
| course | varchar(128) |
| institution | varchar(255) |
| course_type | varchar(25) |
| passout | int |
| grade | float |

Query 1 × SQL File 13* × jobs × jobs × companies ×

Limit to 1000 rows

```

1 create index idx_jobStatus on jobs(job_status);
2 • select * from jobs where job_status="close";
3 • explain select * from jobs use index(idx_jobStatus) where job_status="close";
4
5 • explain select * from jobs use index(primary) where job_status="close";

```

Result Grid Filter Rows: Export: Wrap Cell Content: # id select_type table partitions type possible_keys key key_len ref rows filtered Extra

| # | id | select_type | table | partitions | type | possible_keys | key | key_len | ref | rows | filtered | Extra |
|---|----|-------------|-------|------------|------|---------------|---------------|---------|-------|------|----------|-------|
| 1 | 1 | SIMPLE | jobs | NULL | ref | idx_jobStatus | idx_jobStatus | 183 | const | 2 | 100.00 | NULL |

Result 7 × Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|--------------------------------------------------------|-------------------|----------------------|
| 303 | 17:55:56 | explain select * from jobs where job_status="close" | 1 row(s) returned | 0.00045 sec / 0.0... |
| 304 | 17:56:22 | explain select * from jobs use index(primary) wher... | 1 row(s) returned | 0.0011 sec / 0.0... |
| 305 | 17:56:55 | explain select * from jobs use index(idx_jobStatus...) | 1 row(s) returned | 0.00049 sec / 0.0... |

Query Completed

Local instance 3306 × Job_Portal ×

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

Filter objects

- job_schedules
- job_seekers
- job_types
- key_skills
- languages
 - Columns
 - Indexes
 - PRIMARY
 - idx_languageName**
 - Foreign Keys
 - Triggers
- pays
- projects
- questions
- reviews

Object Info Session

Index: idx_languageName

Definition:

Type FULLTEXT
Unique No
Visible Yes
Columns name

Result Grid Filter Rows: Q Export: Wrap Cell Content: R

```

1 • use job_portal;
2 • show indexes in languages;
3 • create fulltext index idx_languageName on languages(name);
4
5 • select * from languages where name like "%tam%";
6 • explain select * from languages where name like "%tam%";
7 • select *,match(name) against("tam.*" in boolean mode) as matching_factor from languages where match(name) against("tam.*" in boolean mode);
8 • select * from languages where match(name) against("tam.*" in boolean mode) AND name like '%tam%';
9 • explain select * from languages where match(name) against("tam.*" in boolean mode) AND name like '%tam%';
10 • show status like "last_query_cost";

```

| # | Variable_name | Value |
|---|-----------------|-----------|
| 1 | Last_query_cost | 25.549000 |

Result 11 ×

Action Output ▾

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|----------------------------------------------------|-------------------|----------------------|
| 320 | 18:16:22 | show status like "last_query_cost" | 1 row(s) returned | 0.0016 sec / 0.0... |
| 321 | 18:16:49 | select * from languages where name like "%tam%"... | 1 row(s) returned | 0.00075 sec / 0.0... |
| 322 | 18:16:50 | show status like "last_query_cost" | 1 row(s) returned | 0.0013 sec / 0.0... |

Query Completed

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

key_skills_index* job_title_index* jobs* jobs.job_status_index* companies* languages_index*

SCHEMAS Filter objects

- job_schedules
- job_seekers
- job_types
- key_skills
- languages
 - Columns
 - Indexes
 - PRIMARY
 - idx_languageName**
 - Foreign Keys
 - Triggers
- pays
- projects
- questions
- reviews

Object Info Session

Index: idx_languageName

Definition:

Type FULLTEXT
Unique No
Visible Yes
Columns name

Result Grid Filter Rows: Q Export: Wrap Cell Content: Result Grid Read Only

```

1 • use job_portal;
2 • show indexes in languages;
3 • create fulltext index idx_languageName on languages(name);
4
5 • select * from languages where name like "%tam%";
6 • explain select * from languages where name like "%tam%";
7 • select *,match(name) against("tam.*" in boolean mode) as matching_factor from languages where match(name) against("tam.*" in boolean mode);
8 • select * from languages where match(name) against("tam.*" in boolean mode) AND name like '%tam%';
9 • explain select * from languages where match(name) against("tam.*" in boolean mode) AND name like '%tam%';
10 • show status like "last_query_cost";

```

| # | Variable_name | Value |
|---|-----------------|----------|
| 1 | Last_query_cost | 0.349000 |

Result 13 Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|----------------------------------------------------|-------------------|----------------------|
| 322 | 18:16:50 | show status like "last_query_cost" | 1 row(s) returned | 0.0013 sec / 0.0... |
| 323 | 18:17:05 | select * from languages where match(name) again... | 1 row(s) returned | 0.00070 sec / 0.0... |
| 324 | 18:17:07 | show status like "last_query_cost" | 1 row(s) returned | 0.0013 sec / 0.0... |

Query Completed