

## **Online Job Portal**

An online job portal is a web-based platform designed to connect job seekers with potential employers. It serves as an intermediary that facilitates the job search and recruitment process in a digital environment.

### **Normalized Database Tables**

#### 1. Table : **tbl\_role**

Primary key: **role\_id**

Description: **Table to store user roles**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	role_id	Int	Primary Key	10	user type role id
2	role_name	Varchar	Not null	10	user role name(employee, employer, Admin)

#### 2. Table : **tbl\_user**

Primary key: **user\_id**

Foreign Key : **role\_id**

Description: **Table to store check and store login credentials**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	user_id	Int	Primary Key	10	Unique id of the user
2	user_name	Varchar	Not null	10	User name of the user

3	password	Varchar	Not null	10	Password of the user
4	role_id	Varchar	Foreign Key	10	role id of the user
5	user_created_date	DateTime	Not null	10	Date and time when account created

### 3. table : **tbl\_login**

Primary key: **login\_id**

Foreign Key : **user\_id**

Description: **Table to store log in history**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	login_id	Int	Primary Key	10	Login id of the user
2	user_id	Int	Foreign Key	10	User id of the user
3	login_date_time	DateTime	Not null	10	Date and Time of login
4	logout_date_time	DateTime	Not null	10	Date and Time of logout

### 4. Table : **tbl\_jobseeker**

Primary key: **jobseeker\_id**

Description: **Employee table hold the records all employee details (Master Table)**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	jobseeker_id	Int	Primary Key	10	Job seeker id
2	name	Varchar	Not null	20	Name of Job seeker

3	mob	Varchar	Not null	10	Mobile of Job seeker
4	email	Varchar	Not null	10	email of Job seeker
5	dateofbirth	Varchar	Not null	10	Date of birth of Job seeker
6	address	Varchar	Not null	30	Address of Job seeker
7	pic	Varchar	Not null	20	Pic of Job seeker
8	resume	Varchar	Not null	10	Uploaded resume

**5. Table : tbl\_jobseeker\_user\_mapping**

Primary key: **jobseeker\_user\_map\_id**

Foreign Key : **jobseeker\_id, user\_id, user\_status**

Description: **To store both employee and user table data**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	jobseeker_user_map_id	Int	Primary Key	10	Unique id from jobseeker_user_map table
2	jobseeker_id	Int	Foreign Key	10	Unique Id from the job seeker table
3	user_id	Int	Foreign Key	10	Unique Id from the user table
4	user_status_id	Int	Foreign Key	10	Status id of user (active/inactive)

**6. Table : tbl\_recruiter**

Primary key: **recruiter\_id**

Description: **To store employer details (Master Table)**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	recruiter_id	Int	Primary Key	10	recruiter id
2	name	Varchar	Not null	20	Name of recruiter
3	mob	Varchar	Not null	10	Mobile of recruiter
4	email	Varchar	Not null	10	email of recruiter
5	address	Varchar	Not null	30	Address of recruiter
6	pic	Varchar	Not null	20	Pic of recruiter

#### 7. Table : **tbl\_recruiter\_user\_mapping**

Primary key: **rec\_user\_map\_id**

Foreign Key : **recruiter\_id, user\_id, user\_status\_id**

Description: **To store both employer and login details**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	rec_user_map_id	Int	Primary Key	10	Unique id
2	recruiter_id	Int	Foreign Key	10	Unique id of recruiter
2	user_id	Int	Foreign Key	10	Id from the user table
9	user_status_id	Int	Foreign Key	10	Status of user

#### 8. Table : **tbl\_user\_status**

Primary key: **user\_status\_id**

Description: **table to store status names**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	user_status_id	Int	Primary Key	10	Status id
2	status_name	Varchar	Not null	10	Active, Blocked

**9. Table : tbl\_job\_details**

Primary key: **job\_id**

Description: **To store job details posted by employer ( Master Table)**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	job_id	Int	Primary Key	10	Id of the job
2	job_title	Varchar	Not null	20	Title of the job
3	job_description	Varchar	Not null	30	Description of the job
4	experience_req	Varchar	Not null	10	Required experience
5	payment	Varchar	Not null	10	Salary of the job
6	job_created_at	DateTime	Not null	10	Date and time of job created

**10. Table : tbl\_job\_details\_recruiter\_mapping**

Primary key: **job\_recruiter\_id**

Foreign Key : **job\_id, rec\_user\_id, country\_id, job\_type\_id, job\_status\_id**

Description: **mapping table of both job details and recruiter table**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	job_recruiter_id	Int	Primary Key	10	Unique id
3	job_id	Int	Foreign Key	10	Id of the job

6	rec_user_id	Int	Foreign Key	10	Id from recruiter user mapping table
7	country_id	Int	Foreign Key	10	Id of the country table
9	job_type_id	Int	Foreign Key	10	Id of the job type table
10	job_status_id	Int	Foreign Key	10	Status of job

#### 11. Table : **tbl\_job\_type**

Primary key: **job\_type\_id**

Description: **table to types of jobs**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	Job_type_id	Int	Primary Key	10	Id of the job type
2	Job_type_name	Varchar	Not null	10	Name of the job type

#### 12. Table : **tbl\_country**

Primary key: **country\_id**

Description: **table to store names of countries**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	country_id	Int	Primary Key	10	Id of the country
2	country_name	Varchar	Not null	10	Name of the country

#### 13. Table : **tbl\_job\_status**

Primary key: **job\_status\_id**

Description: **table to store status of jobs**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	job_status_id	Int	Primary Key	10	Status id
2	job_status_name	Varchar	Not null	10	Active, Inactive

#### 14. Table : **tbl\_applied\_jobs**

Primary Key: **application\_id**

Foreign Key : **job\_recruiter\_map\_id, job\_seeker\_user\_map\_id**

Description: **mapping table to store jobs applied by job seeker**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	application_id	Int	Primary Key	10	Application id
2	job_recruiter_map_id	Int	Foreign Key	10	Id of the job
3	jobseeker_user_map_id	DateTime	Foreign Key	10	User id of user
4	application_Date_Time	DateTime	Not null	10	

#### 15. Table : **tbl\_jobseeker\_application\_status**

Primary key: **jobseeker\_application\_id**

Foreign Key : **jobapplication\_status\_id**

Description: **table to store status of jobs applied**

No:	Fieldname	Datatype	Key Constraints	Size	Description
1	jobseeker_application_id	Int	Primary Key	10	Status id of applied jobs
2	jobapplication_status_id	Varchar	Foreign Key	10	Accepted , Rejected, Didn't Respond

**16. Table : tbl\_job\_application\_status**

Primary key: **application\_status**

Description: **table to store status of jobs applied**

<b>No:</b>	<b>Fieldname</b>	<b>Datatype</b>	<b>Key Constraints</b>	<b>Size</b>	<b>Description</b>
1	application_status	Int	Primary Key	10	Status id of applied jobs
2	status_names	Varchar	Not null	10	Accepted , Rejected, Didn't Respond



## ER Diagram

