

DBMS Project – Online Job Portal

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SEC: C

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1. Short Description and Scope of the Project

Overview:

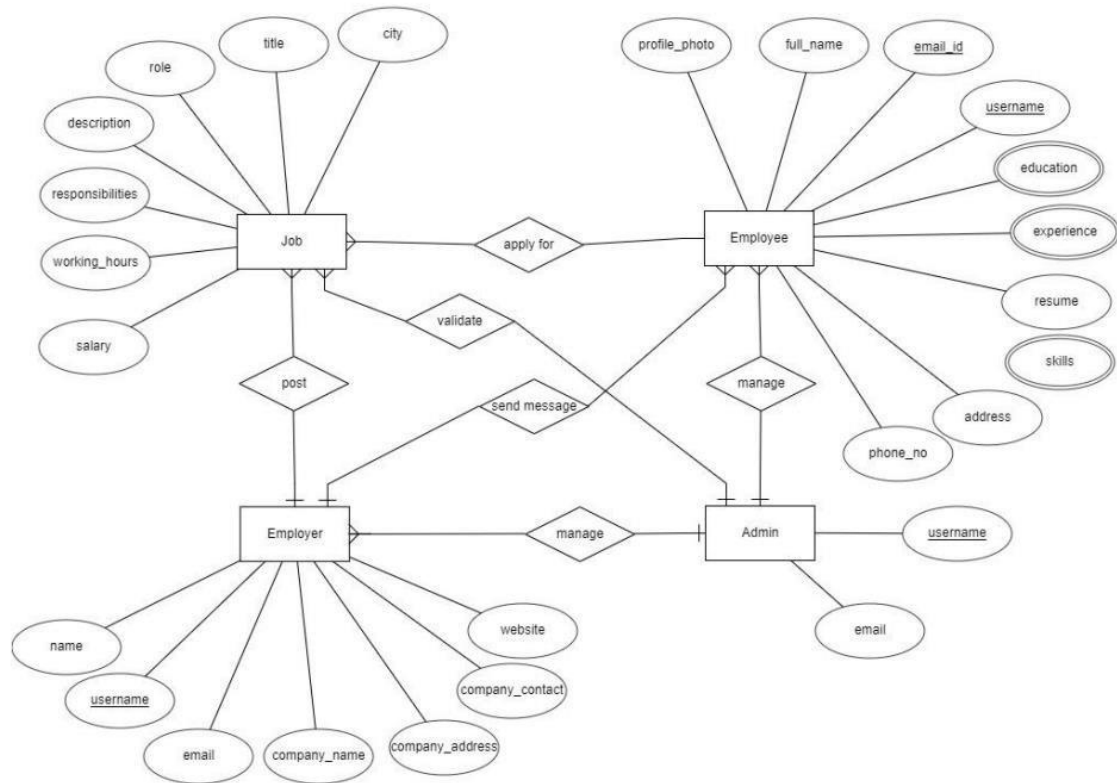
Job Portal is an application which helps the job seeker to find jobs of their interest with advanced search and help employers find the right candidate.

This system uses MySQL connected to a localhost using XAMPP. This data can only be accessed by respective users namely admins have the highest privilege and can have access to all the data and users have only selected functionalities.

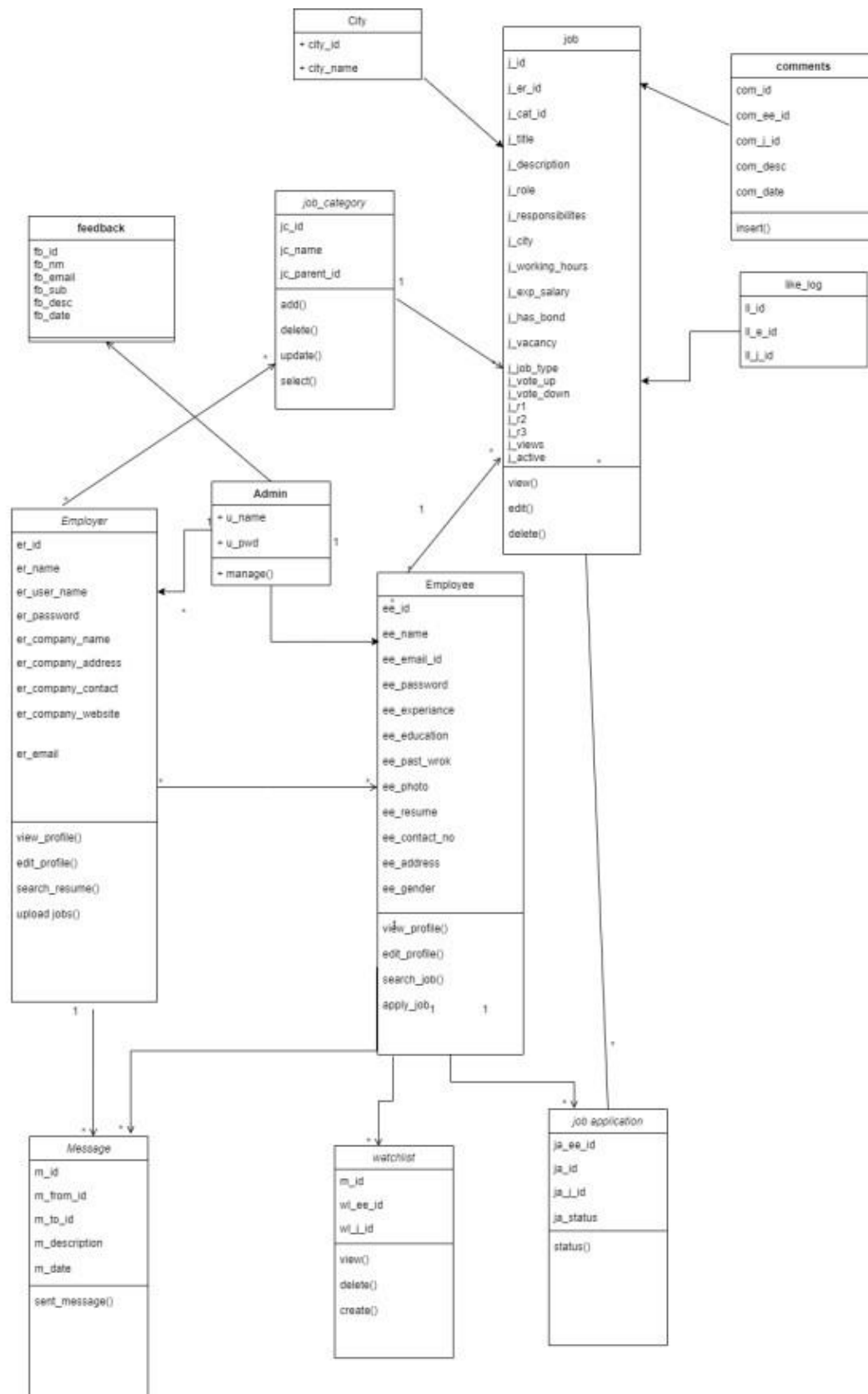
Features:

- Companies can register themselves on the Job Portal and then the admin has to Reject or Approve the registered Companies to be on the Job Portal.
- After approval, Companies can login with their credentials and create Job Posts.
- Candidates can register themselves on the Job Portal and then can login again with their credentials and apply for the various Job Posts by different companies.
- The Companies can download the Resumes and look at the profile of the candidate who has applied for the Job.
- The Companies can then Reject the Application or Put it under review.
- The Companies and Candidates can contact with each other through Mailbox on the website itself.
- The admin has the complete view of Companies, Applications and Active Jobs.

- 2. ER Diagram



3. Relational Schema



4. DDL statements - Building the database

```
CREATE TABLE `admin` (  
  `id_admin` int(11) NOT NULL,  
  `username` varchar(255) NOT NULL,  
  `password` varchar(255) NOT NULL  
);
```

SELECT * FROM `admin`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

		id_admin	username	password
<input type="checkbox"/>	Edit Copy Delete	1	admin	12345
<input type="checkbox"/>	Edit Copy Delete	2	admin@gmail.com	roottoor

```
CREATE TABLE `apply_job_post` (  
  `id_apply` int(11) NOT NULL,  
  `id_jobpost` int(11) NOT NULL,  
  `id_company` int(11) NOT NULL,  
  `id_user` int(11) NOT NULL,  
  `status` int(11) NOT NULL  
);
```

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id_apply	int(11)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	id_jobpost	int(11)		No	None			Change Drop More
<input type="checkbox"/>	3	id_company	int(11)		No	None			Change Drop More
<input type="checkbox"/>	4	id_user	int(11)		No	None			Change Drop More
<input type="checkbox"/>	5	status	int(11)		No	0			Change Drop More

Check all With selected Browse Change Drop Primary Unique Index Spatial

```
CREATE TABLE `cities` (  
  `id` int(11) NOT NULL,  
  `name` varchar(30) NOT NULL,  
  `state_id` int(11) NOT NULL  
);
```

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id	int(11)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	name	varchar(30) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	3	state_id	int(11)		No	None			Change Drop More

☐ Check all With selected: Browse Change Drop Primary Unique Index Spatial Full

```

CREATE TABLE `company` (
  `id_company` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `companyname` varchar(255) NOT NULL,
  `country` varchar(255) NOT NULL,
  `state` varchar(255) NOT NULL,
  `city` varchar(255) NOT NULL,
  `contactno` varchar(255) NOT NULL,
  `website` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `password` varchar(255) NOT NULL,
  `aboutme` varchar(255) NOT NULL
  `logo` varchar(255) NOT NULL,
  `createdAt` timestamp NOT NULL,
  `active` int(11) NOT NULL
);

```

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id_company	int(11)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	name	varchar(255) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	3	companyname	varchar(255) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	4	country	varchar(255) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	5	state	varchar(255) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	6	city	varchar(255) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	7	contactno	varchar(255) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	8	website	varchar(255) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	9	email	varchar(255) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	10	password	varchar(255) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	11	aboutme	varchar(255) latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	12	logo	varchar(255) latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	13	createdAt	timestamp		No	current_timestamp()			Change Drop More
<input type="checkbox"/>	14	active	int(11)		No	2			Change Drop More

```
CREATE TABLE `countries` (
  `id` int(11) NOT NULL,
  `sortname` varchar(3) NOT NULL,
  `name` varchar(150) NOT NULL,
  `phonecode` int(11) NOT NULL
);
```

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	sortname	varchar(3)	utf8_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3	name	varchar(150)	utf8_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4	phonecode	int(11)			No	None			Change Drop More

```
CREATE TABLE `job_post` (
  `id_jobpost` int(11) NOT NULL,
  `id_company` int(11) NOT NULL,
  `jobtitle` varchar(255) NOT NULL,
  `description` text NOT NULL,
  `minimumsalary` varchar(255) NOT NULL,
  `maximumsalary` varchar(255) NOT NULL,
  `experience` varchar(255) NOT NULL,
  `qualification` varchar(255) NOT NULL,
  `createdat` timestamp NOT NULL
);
```

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id_jobpost	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	id_company	int(11)			No	None			Change Drop More
<input type="checkbox"/>	3	jobtitle	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	4	description	text	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	5	minimumsalary	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	6	maximumsalary	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	7	experience	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	8	qualification	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	9	createdat	timestamp			No	current_timestamp()			Change Drop More

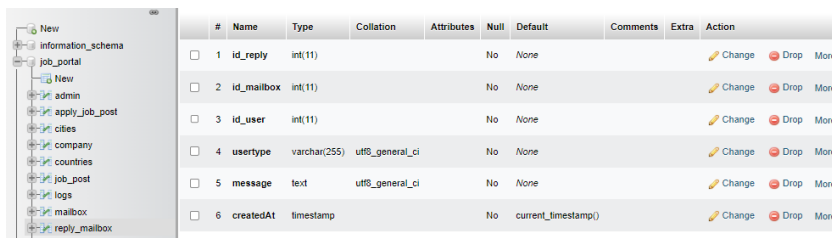

```
CREATE TABLE `logs` (
  `id` int(11) NOT NULL,
  `id_user` int(11) NOT NULL,
  `action` varchar(20) NOT NULL,
  `cdate` datetime NOT NULL
);
```

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id	int(11)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	id_user	int(11)		No	None			Change Drop More
<input type="checkbox"/>	3	action	varchar(20)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	4	cdate	datetime		No	None			Change Drop More

```
CREATE TABLE `mailbox` (
  `id_mailbox` int(11) NOT NULL,
  `id_fromuser` int(11) NOT NULL,
  `fromuser` varchar(255) NOT NULL,
  `id_touser` int(11) NOT NULL,
  `subject` varchar(255) NOT NULL,
  `message` text NOT NULL,
  `createdAt` timestamp NOT NULL
);
```

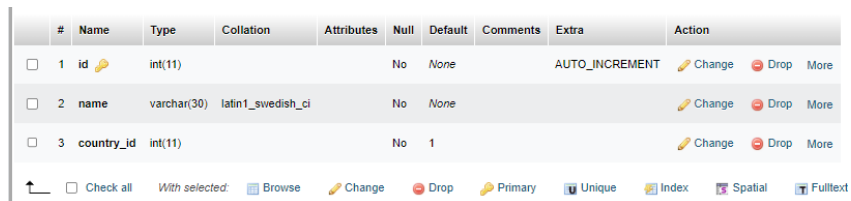
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id_mailbox	int(11)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	id_fromuser	int(11)		No	None			Change Drop More
<input type="checkbox"/>	3	fromuser	varchar(255)	utf8_general_ci	No	None			Change Drop More
<input type="checkbox"/>	4	id_touser	int(11)		No	None			Change Drop More
<input type="checkbox"/>	5	subject	varchar(256)	utf8_general_ci	No	None			Change Drop More
<input type="checkbox"/>	6	message	text	utf8_general_ci	No	None			Change Drop More
<input type="checkbox"/>	7	createdAt	timestamp		No	current_timestamp()			Change Drop More

```
CREATE TABLE `reply_mailbox` (
  `id_reply` int(11) NOT NULL,
  `id_mailbox` int(11) NOT NULL,
  `id_user` int(11) NOT NULL,
  `usertype` varchar(255) NOT NULL,
  `message` text NOT NULL,
  `createdAt` timestamp NOT NULL
);
```



#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_reply	int(11)			No	None			Change Drop More
2	id_mailbox	int(11)			No	None			Change Drop More
3	id_user	int(11)			No	None			Change Drop More
4	usertype	varchar(255)	utf8_general_ci		No	None			Change Drop More
5	message	text	utf8_general_ci		No	None			Change Drop More
6	createdAt	timestamp			No	current_timestamp()			Change Drop More

```
CREATE TABLE `states` (
  `id` int(11) NOT NULL,
  `name` varchar(30) NOT NULL,
  `country_id` int(11) NOT NULL,
);
```








#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
3	country_id	int(11)			No	1			Change Drop More

☐ Check all
 With selected:
 ☐ Browse
 ☐ Change
 ☐ Drop
 ☐ Primary
 ☐ Unique
 ☐ Index
 ☐ Spatial
 ☐ Fulltext











	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id_user	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	firstname	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	3	lastname	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	4	email	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	5	password	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	6	address	text	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	7	city	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	8	state	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	9	contactno	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	10	qualification	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	11	stream	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	12	passingyear	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	13	dob	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	14	age	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	15	designation	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	16	resume	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	17	hash	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	18	active	int(11)			No	1			Change Drop More
<input type="checkbox"/>	19	aboutme	text	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	20	skills	text	latin1_swedish_ci		Yes	NULL			Change Drop More

5. Populating the database










INSERT INTO users(firstname, lastname, email, password, address, city, state, contactno, qualification, stream, passingyear, dob, age, designation, resume, hash, active, aboutme, skills) VALUES ('\$firstname', '\$lastname', '\$email', '\$password', '\$address', '\$city', '\$state', '\$contactno', '\$qualification', '\$stream', '\$passingyear', '\$dob', '\$age', '\$designation', '\$file', '\$hash', '\$aboutme', '\$skills');

	id_user	firstname	lastname	email	password	address	city	state	contactno	qualification	stream	passingyear	dob	age	designation	resume	hash	active	aboutme	skills
	2	Ma	Ys	m87@gmail.com	m87	S Colony	Red	Ltd	9676543567	B. Tech.	CS	2024	2000	24	SE	njn	js	1	my n	data
	3	Ak	Si	si@gmail.com	1234	Kas Colony	Bangalore	Karnataka	1234567890	B. Tech.	CS	2023	1998	25	SE	Resume	hULL	1	My name	WEB DEV
	14	mk	m	m@gmail.com	Y5wNTH0WQ4D0uNTOyMxYyVW0uOTA1MT5NwYQZy+	m	m	m	741942184	BE	CSE	2019-08-23	1999-01-14	20	m	5d4ebd24d8ba.pdf	3c27c1a1aeb457b6d03d4803cbe2e4	1	m	m
	15	Mks	S	mayerkingsingh105@gmail.com	NTUnZGUsdMTM4ZGJhMmMDJZDQwZDh1mRiOVNkMTg=	Bangalore	Bangalore	Karnataka	834050211	B. Tech.	CSE	2022-03-04	1999-01-30	SE	630726861745.	43d07b0d6b505212661a2d47942d6f	1	IG	Web Dev	
	16	Ab	cd	ab@gmail.com	NTUnZGUsdMTM4ZGJhMmMDJZDQwZDh1mRiOVNkMTg=	Hosur Road	Bangalore	Karnataka	866043210	B. Tech.	CSE	2021-11-28	1999-01-29	23	SE	63843601cda6.pdf	b536db48114ea417b7c2c558244612	1	I am CSE graduate	Web - dev, DSA

INSERT INTO company(name, companyname, country, state, city, contactno, website, email, password, aboutme, logo) VALUES ('\$name', '\$companyname', '\$country', '\$state', '\$city', '\$contactno', '\$website', '\$email', '\$password', '\$aboutme', '\$file');

	id_company	name	companyname	country	state	city	contactno	website	email	password	aboutme	logo	createdAt	active
	12	Sundar Pichai	Google	India	Karnataka	Bengaluru	6658790458	google.com	google@gmail.com	1234	Just Google It	59d3a91dc0209.png	2017-10-03 20:05:09	1
	13	Ginni Rometty	IBM	United States	New York	Aimont	8674897894	ibm.com	ibm@gmail.com	NTQ4MTg0NThlOTQ2YjY5NzA1MDQ5YmI3YVUuZjhmZy+	IBM is an American multinational technology company...	59d3a9a81ac4c.png	2017-10-03 20:07:28	1
	14	Satya Nadella	Microsoft	United States	Washington	Redmond	9707859078	microsoft.com	microsoft@gmail.com	NTQ4MTg0NThlOTQ2YjY5NzA1MDQ5YmI3YVUuZjhmZy+	Microsoft Corporation is an American multinational.	59d3a27865a2.png	2017-10-03 20:17:19	1
	15	Chris VandeSchaft	GitHub	United States	California	San Francisco	5485780347	github.com	github@gmail.com	NTQ4MTg0NThlOTQ2YjY5NzA1MDQ5YmI3YVUuZjhmZy+	GitHub is the world's biggest software collabora...	59d3a364d0628.png	2017-10-03 20:20:28	1
	16	Abdali Neemuchwala	Wipro	India	Karnataka	Bengaluru	8476380730	wipro.com	wipro@gmail.com	NTQ4MTg0NThlOTQ2YjY5NzA1MDQ5YmI3YVUuZjhmZy+	Wipro Limited is an Indian Information Technology ...	59d3a425b0652.png	2017-10-03 20:22:21	1
	17	Rajesh Gopinathan	Tata Consultancy Services (TCS)	India	Maharashtra	Navi Mumbai	9678956786	tcs.com	tcs@gmail.com	NTQ4MTg0NThlOTQ2YjY5NzA1MDQ5YmI3YVUuZjhmZy+	Tata Consultancy Services Limited (TCS) is an Indi...	59d3a49e9b787.png	2017-10-03 20:24:22	1
	18	vinay	vinay	India	Goa	Goa	3434314479	vinay.com	vinay@gmail.com	ODBJYkNTUzMDhmZDZmM2FMTVmlhM2ZTNHNVU4YTU=	vvi	5d4ebba4c75902.jpg	2018-06-19 18:10:44	1
	19	ab	CS	India	Karnataka	Bengaluru	9676543210	www.cs.com	cs@gmail.com	NTUnZGUsdMTM4ZGJhMmMDJZDQwZDh1mRiOVNkMTg=	It's About CS	6383c948e5251.png	2022-11-28 02:03:45	2
	20	MK	ABCD	India	Karnataka	Bengaluru	9786543210	www.abcd.com	abcd@gmail.com	NTUnZGUsdMTM4ZGJhMmMDJZDQwZDh1mRiOVNkMTg=	ABCD	63842d611ae501.png	2022-11-28 09:11:05	1
	21	Mayank	ABC C	India	Karnataka	Bengaluru	123890123	abc.com	abc@gmail.com	NTUnZGUsdMTM4ZGJhMmMDJZDQwZDh1mRiOVNkMTg=	For SE's	638702b050d9d.png	2022-11-30 12:44:40	1

INSERT INTO apply_job_post(id_jobpost, id_company, id_user) VALUES ('\$_GET[id]', '\$id_company', '\$_SESSION[id_user]');

	id_apply	id_jobpost	id_company	id_user	status
	8	22	12	10	2
	9	24	17	10	1
	10	26	15	10	2
	11	25	17	13	2
	12	29	15	13	2
	13	33	13	13	0
	14	23	12	12	2
	15	26	16	12	2
	16	27	16	12	1
	17	31	14	12	2
	18	22	12	11	2
	19	23	12	11	2
	20	24	17	11	2
	21	32	13	11	0
	22	22	12	13	0
	23	22	12	14	0
	24	23	12	14	0
	25	34	18	14	2
	26	23	12	15	0
	27	33	13	14	0
	28	35	20	15	2
	29	36	20	15	2

INSERT INTO job_post(id_company, jobtitle, description, minimumsalary, maximumsalary, experience, qualification) VALUES (?, ?, ?, ?, ?, ?, ?);

SELECT * FROM "job_post"

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

		id_jobpost	id_company	jobtitle	description	minimumsalary	maximumsalary	experience	qualification	createdat
<input type="checkbox"/>	Edit Copy Delete	22	12	Google Assistant App Developer	<p>You have to design the layout of the google's ...	5000	50000	2	BCA	2022-10-03 20:28:43
<input type="checkbox"/>	Edit Copy Delete	23	12	Google Search Engine Developer	<p>Your task is to develop new possibilities for th...	10000	100000	5	MCA	2022-10-03 20:31:05
<input type="checkbox"/>	Edit Copy Delete	24	17	Accounts Professionals	<div style="padding: 0px; margin: 0px 0px 7px; fo...	1000	10000	1	BCOM	2022-10-03 20:37:50
<input type="checkbox"/>	Edit Copy Delete	25	17	Graduate Freshers	<p> <p><p><ul class="listing mt10" style="...	2000	20000	3	BCA, BCOM	2022-10-03 20:39:37
<input type="checkbox"/>	Edit Copy Delete	26	16	Order Management	<p><strong style="padding: 0px; margin: 0px;">Re...	3000	40000	4	BCA, BCOM, MCA	2022-10-03 20:40:56
<input type="checkbox"/>	Edit Copy Delete	27	16	Technical Support Engineer	<p><strong style="padding: 0px; margin: 0px;"><u...	40000	100000	7	MCA, PHD	2022-10-03 20:41:45
<input type="checkbox"/>	Edit Copy Delete	28	15	Senior Technical Associate (core Java, Rest Api, G...	<p> <p><p><ul class="listing mt10" style="...	60000	80000	6	BCA	2022-10-03 20:43:11
<input type="checkbox"/>	Edit Copy Delete	29	15	Pivotal Cloud Foundry Developer	<p style="padding: 5px; margin: 0px; font-fam...	50000	90000	5	BCA	2022-10-03 20:44:23
<input type="checkbox"/>	Edit Copy Delete	30	14	Bus Analytics Spec	<ul class="listing mt10" style="padding: 0px; m...	8000	80000	9	MCA	2022-10-03 20:46:26
<input type="checkbox"/>	Edit Copy Delete	31	14	Consultant	<ul class="listing mt10" style="padding: 0px; m...	60000	85000	7	BCA	2022-10-03 20:47:09
<input type="checkbox"/>	Edit Copy Delete	32	13	Mainframe Console Administrator	<p><strong style="padding: 0px; margin: 0px; font...	7000	87000	10	PHD	2022-10-03 20:56:07
<input type="checkbox"/>	Edit Copy Delete	33	13	WebSphere Application Server Integration Engineer	<ul class="listing mt10" style="padding: 0px; m...	46000	90000	5	BCA, MCA, PHD	2022-10-03 20:57:07
<input type="checkbox"/>	Edit Copy Delete	34	18	jsol developer	<ht><s...	10000	20000	2	BE	2022-08-10 18:17:33
<input type="checkbox"/>	Edit Copy Delete	35	20	SDE	<p>Job of Senior Development Engineer<p>	5000	10000	4	B. Tech.	2022-11-28 09:35:24
<input type="checkbox"/>	Edit Copy Delete	36	20	SDE	<p>A SDE with 2+ years exp. required<p>	50000	5000	2	B. Tech.	2022-11-30 12:39:41

Check all With selected Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

INSERT INTO mailbox (id_fromuser, fromuser, id_touser, subject, message) VALUES ('\$_SESSION[id_company]', 'company', '\$to', '\$subject', '\$message');

SELECT * FROM "mailbox"

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

		id_mailbox	id_fromuser	fromuser	id_touser	subject	message	createdAt
<input type="checkbox"/>	Edit Copy Delete	6	10	user	12	hi	<p>thanks<p>	2017-10-03 21:42:52
<input type="checkbox"/>	Edit Copy Delete	7	18	company	14	hi	<p>hi<p>	2019-08-10 18:27:04
<input type="checkbox"/>	Edit Copy Delete	8	20	company	15	Job Approval	<p>Your application has been accepted for the spec...	2022-11-28 10:09:16
<input type="checkbox"/>	Edit Copy Delete	9	20	company	15	Job Approval	<p>You are hired<p>	2022-11-30 12:41:32

INSERT INTO reply_mailbox (id_mailbox, id_user, usertype, message) VALUES ('\$_POST[id_mail]', '\$_SESSION[id_company]', 'company', '\$message');

6. Join Queries

1. Show list of jobs with job title and status

```
SELECT c.jobtitle, h.id_jobpost, h.status FROM `apply_job_post` h inner join job_post c on c.id_jobpost = h.id_jobpost;
```

☐ Profiling
 [\[Edit inline \]](#)
[\[Edit \]](#)
[\[Explain SQL \]](#)
[\[Create PHP code \]](#)
[\[Refresh \]](#)

☐ Show all |
 Number of rows:
 Filter rows:

Extra options

jobtitle	id_jobpost	status
Google Assistant App Developer	22	2
Accounts Professionals	24	1
Senior Technical Associate (core Java, Rest Api, G...	28	2
Graduate Freshers	25	2
Pivotal Cloud Foundry Developer	29	2
Websphere Application Server Integration Engineer	33	0
Google Search Engine Developer	23	2
Order Management	26	2
Technical Support Engineer	27	1
Consultant	31	2
Google Assistant App Developer	22	2
Google Search Engine Developer	23	2
Accounts Professionals	24	2
Mainframe Console Administrator	32	0
Google Assistant App Developer	22	0
Google Assistant App Developer	22	0
Google Search Engine Developer	23	0
jsol developer	34	2
Google Search Engine Developer	23	0
Websphere Application Server Integration Engineer	33	0
SDE	35	2
SDE	36	2

2. Show Job Post Details with Company Details

```
SELECT * FROM job_post INNER JOIN company
ON job_post.id_company=company.id_company
```

[Add] FROM job_post, 2000103 COMPANY (job_post_id, id_company, id_company, id_company)																						
[Editing] [Edit] [Export CSV] [Create PHP user] [Refresh]																						
[Show all] [Number of rows: 25] [Filter rows] [Search this table] [Sort by: title] [None]																						
[Export Excel]																						
id_jobpost	id_company	jobtitle	description	minimumsalary	maximumsalary	experience	qualification	createdat	id_company	name	companyname	country	state	city	contactno	website	email	password	aboutme	logo	createdat	active
22	12	Google Assistant Dev	you have to design the layout of the google's...	5000	50000	2	BCA	2022-10-03 10:28:43	12	Sunstar Pictus		India	Karnataka	Bangalore	659676658	google.com	google@gmail.com	1234	Just Google It	59d3761e5209.png	2017-10-03 20:05:09	1
23	12	Google Search Engine Dev	your task is to develop new possibilities for th...	10000	100000	5	MCA	2022-10-03 10:31:05	12	Sunstar Pictus	Google	India	Karnataka	Bangalore	659676658	google.com	google@gmail.com	1234	Just Google It	59d3761e5209.png	2017-10-03 20:05:09	1
24	17	Accounts Professional	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	10000	10000	1	BCOM	2022-10-03 20:37:40	17	Rajesh Rajgopal	Tata Consultancy Services (TCS)	India	Maharashtra	Navi Mumbai	980560786	tsa.com	tsa@gmail.com	NTQdM7gNtHCTCZDYyNAhMcGyHnYdWUzZMfY...	Tata Consultancy Services Limited (TCS) is an Ind...	59d3761e4b79.png	2017-10-03 20:05:09	1
25	17	Graduate Freshers	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	2000	20000	3	BCA, BCOM	2022-10-03 20:39:37	17	Rajesh Rajgopal	Tata Consultancy Services (TCS)	India	Maharashtra	Navi Mumbai	980560786	tsa.com	tsa@gmail.com	NTQdM7gNtHCTCZDYyNAhMcGyHnYdWUzZMfY...	Tata Consultancy Services Limited (TCS) is an Ind...	59d3761e4b79.png	2017-10-03 20:05:09	1
26	18	Order Management	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	3000	40000	4	BCA, BCOM	2022-10-03 20:37:40	18	Abdali Numeenath	Wipro	India	Karnataka	Bangalore	847338730	wipro.com	wipro@gmail.com	NTQdM7gNtHCTCZDYyNAhMcGyHnYdWUzZMfY...	Wipro Limited is an Indian Information Technology...	59d3761e4652.png	2017-10-03 20:05:09	1
27	18	Technical Support	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	4000	100000	7	MCA, PhD	2022-10-03 20:41:41	18	Abdali Numeenath	Wipro	India	Karnataka	Bangalore	847338730	wipro.com	wipro@gmail.com	NTQdM7gNtHCTCZDYyNAhMcGyHnYdWUzZMfY...	Wipro Limited is an Indian Information Technology...	59d3761e4652.png	2017-10-03 20:05:09	1
28	15	Senior Technical Associate (core Java, Rest API, S...	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	60000	80000	6	BCA	2022-10-03 20:43:11	15	Chris Waneetha	GitHub	United States	California	San Francisco	548576347	github.com	github@gmail.com	NTQdM7gNtHCTCZDYyNAhMcGyHnYdWUzZMfY...	GitHub is the world's biggest software to help...	59d3761e4083.png	2017-10-03 20:05:09	1
29	15	Product Cloud Family manager	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	50000	90000	5	BCA	2022-10-03 20:44:23	15	Chris Waneetha	GitHub	United States	California	San Francisco	548576347	github.com	github@gmail.com	NTQdM7gNtHCTCZDYyNAhMcGyHnYdWUzZMfY...	GitHub is the world's biggest software to help...	59d3761e4083.png	2017-10-03 20:05:09	1
30	14	Bus Analytics Spec	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	80000	100000	9	MCA	2022-10-03 20:46:26	14	Satya Nadella	Microsoft	United States	Washington	Redmond	970576978	microsoft.com	microsoft@gmail.com	NTQdM7gNtHCTCZDYyNAhMcGyHnYdWUzZMfY...	Microsoft Corporation is an American multinational...	59d3761e765d.png	2017-10-03 20:05:09	1
31	14	Consultant	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	60000	85000	7	BCA	2022-10-03 20:47:09	14	Satya Nadella	Microsoft	United States	Washington	Redmond	970576978	microsoft.com	microsoft@gmail.com	NTQdM7gNtHCTCZDYyNAhMcGyHnYdWUzZMfY...	Microsoft Corporation is an American multinational...	59d3761e765d.png	2017-10-03 20:05:09	1
32	18	Maritime Comadre Administrator	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	7000	87000	10	PHD	2022-10-03 20:16:07	18	Gleni Ramsey	IBM	United States	New York	Albany	867469784	ibm.com	ibm@gmail.com	NTQdM7gNtHCTCZDYyNAhMcGyHnYdWUzZMfY...	IBM is an American multinational technology company...	59d3761e7c1c.png	2017-10-03 20:07:28	1
33	18	Webshop Application Support Integration Engineer	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	45000	90000	5	BCA, MCA, PhD	2022-10-03 20:17:07	18	Gleni Ramsey	IBM	United States	New York	Albany	867469784	ibm.com	ibm@gmail.com	NTQdM7gNtHCTCZDYyNAhMcGyHnYdWUzZMfY...	IBM is an American multinational technology company...	59d3761e7c1c.png	2017-10-03 20:07:28	1
34	18	jsl developer	id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;">id="style">padding: 5px; margin: 5px; text-align: center; font-weight: bold; font-size: 1.2em; color: #333; background-color: #f9f9f9; border: 1px solid #ccc; padding: 10px 0 0 0;	10000	20000	2	BC	2022-09-18 18:17:33	18	vinay	vinay	India	Goa	Goa	343414479	vinay.com	ODQyYjU4MTUzZDh5M2Q4MTZlM2YyZW					

3. LEFT OUTER JOIN

```
SELECT * FROM job_post LEFT OUTER JOIN company ON job_post.id_company=company.id_company;
```

id_jobpost	id_company	posts	description	minimumsalary	maximumsalary	experience	qualification	createdat	id_company	name	companyname	country	state	city	contactno	website	email	password	abstitle	logo	createdat	active
22	12	Google Assistant App Developer	"You'll have to design the front of the google's ..."	8000	80000	2	BCA	2022-10-03 20:28:43	12	Sunder Pichai	Google	India	Karnataka	Bengaluru	855876455	google.com	google@gmail.com	1234	Just Google It	855876455.png	2017-10-03 20:28:43	1
23	12	Google Search Engine Developer	"You'll have to develop new possibilities for ..."	10000	100000	5	MCA	2022-10-03 20:31:08	12	Sunder Pichai	Google	India	Karnataka	Bengaluru	855876455	google.com	google@gmail.com	1234	Just Google It	855876455.png	2017-10-03 20:28:43	1
24	17	Accounts Professionals	"We are looking for an experienced Accounts Professional ..."	1000	10000	1	B.COM	2022-10-03 20:31:08	17	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Madhya Pradesh	New Bhopal	9478807788	tax.com	tax@gmail.com	1234	Tax Consultancy Services Limited (PCL) is an India ...	855876455.png	2017-10-03 20:28:43	1
25	17	Graduate Freshers	"We are looking for an experienced Graduate Freshers ..."	2000	20000	3	BCA, B.COM	2022-10-03 20:31:08	17	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Madhya Pradesh	New Bhopal	9478807788	tax.com	tax@gmail.com	1234	Tax Consultancy Services Limited (PCL) is an India ...	855876455.png	2017-10-03 20:28:43	1
26	16	Order Management	"We are looking for an experienced Order Management ..."	3000	30000	4	BCA, B.COM	2022-10-03 20:31:08	16	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Karnataka	Bengaluru	8478307730	tax.com	tax@gmail.com	1234	Wipro Limited is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
27	16	Technical Support Engineer	"We are looking for an experienced Technical Support Engineer ..."	4000	40000	7	MCA, PHD	2022-10-03 20:31:08	16	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Karnataka	Bengaluru	8478307730	tax.com	tax@gmail.com	1234	Wipro Limited is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
28	16	Senior Technical Associate	"We are looking for an experienced Senior Technical Associate ..."	6000	60000	6	BCA	2022-10-03 20:31:08	16	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Karnataka	Bengaluru	8478307730	tax.com	tax@gmail.com	1234	Wipro Limited is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
29	16	Product Cloud Foundry Developer	"We are looking for an experienced Product Cloud Foundry Developer ..."	8000	80000	5	BCA	2022-10-03 20:31:08	16	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Karnataka	Bengaluru	8478307730	tax.com	tax@gmail.com	1234	Wipro Limited is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
30	14	Business Analyst	"We are looking for an experienced Business Analyst ..."	8000	80000	6	MCA	2022-10-03 20:31:08	14	Satyam Naidu	Microsoft	United States	Washington	Redmond	870880670	microsoft.com	microsoft@gmail.com	1234	Microsoft Corporation is an American multinational ...	855876455.png	2017-10-03 20:28:43	1
31	14	Consultant	"We are looking for an experienced Consultant ..."	8000	80000	7	BCA	2022-10-03 20:31:08	14	Satyam Naidu	Microsoft	United States	Washington	Redmond	870880670	microsoft.com	microsoft@gmail.com	1234	Microsoft Corporation is an American multinational ...	855876455.png	2017-10-03 20:28:43	1
32	13	Software Developer	"We are looking for an experienced Software Developer ..."	8000	80000	10	PHD	2022-10-03 20:31:08	13	Satyam Naidu	IBM	United States	New York	Armonk	914880788	ibm.com	ibm@gmail.com	1234	IBM is an American multinational technology company ...	855876455.png	2017-10-03 20:28:43	1
33	13	Software Application	"We are looking for an experienced Software Application ..."	8000	80000	5	BCA, MCA, PHD	2022-10-03 20:31:08	13	Satyam Naidu	IBM	United States	New York	Armonk	914880788	ibm.com	ibm@gmail.com	1234	IBM is an American multinational technology company ...	855876455.png	2017-10-03 20:28:43	1
34	16	Java Developer	"We are looking for an experienced Java Developer ..."	10000	100000	2	BC	2022-10-03 20:31:08	16	Wipro	Wipro	India	Gujarat	Surat	9478807788	wipro.com	wipro@gmail.com	1234	Wipro Limited is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
35	20	IDE	"We are looking for an experienced IDE ..."	8000	80000	5	B. Tech	2022-10-03 20:31:08	20	AK	AK	India	Karnataka	Bengaluru	978880370	ak.com	ak@gmail.com	1234	AK is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
36	20	IDE	"We are looking for an experienced IDE ..."	8000	80000	5	B. Tech	2022-10-03 20:31:08	20	AK	AK	India	Karnataka	Bengaluru	978880370	ak.com	ak@gmail.com	1234	AK is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1

4. CROSS JOIN

```
SELECT * FROM job_post CROSS JOIN company ON job_post.id_company=company.id_company;
```

id_jobpost	id_company	posts	description	minimumsalary	maximumsalary	experience	qualification	createdat	id_company	name	companyname	country	state	city	contactno	website	email	password	abstitle	logo	createdat	active
22	12	Google Assistant App Developer	"You'll have to design the front of the google's ..."	8000	80000	2	BCA	2022-10-03 20:28:43	12	Sunder Pichai	Google	India	Karnataka	Bengaluru	855876455	google.com	google@gmail.com	1234	Just Google It	855876455.png	2017-10-03 20:28:43	1
23	12	Google Search Engine Developer	"You'll have to develop new possibilities for ..."	10000	100000	5	MCA	2022-10-03 20:31:08	12	Sunder Pichai	Google	India	Karnataka	Bengaluru	855876455	google.com	google@gmail.com	1234	Just Google It	855876455.png	2017-10-03 20:28:43	1
24	17	Accounts Professionals	"We are looking for an experienced Accounts Professional ..."	1000	10000	1	B.COM	2022-10-03 20:31:08	17	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Madhya Pradesh	New Bhopal	9478807788	tax.com	tax@gmail.com	1234	Tax Consultancy Services Limited (PCL) is an India ...	855876455.png	2017-10-03 20:28:43	1
25	17	Graduate Freshers	"We are looking for an experienced Graduate Freshers ..."	2000	20000	3	BCA, B.COM	2022-10-03 20:31:08	17	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Madhya Pradesh	New Bhopal	9478807788	tax.com	tax@gmail.com	1234	Tax Consultancy Services Limited (PCL) is an India ...	855876455.png	2017-10-03 20:28:43	1
26	16	Order Management	"We are looking for an experienced Order Management ..."	3000	30000	4	BCA, B.COM	2022-10-03 20:31:08	16	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Karnataka	Bengaluru	8478307730	tax.com	tax@gmail.com	1234	Wipro Limited is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
27	16	Technical Support Engineer	"We are looking for an experienced Technical Support Engineer ..."	4000	40000	7	MCA, PHD	2022-10-03 20:31:08	16	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Karnataka	Bengaluru	8478307730	tax.com	tax@gmail.com	1234	Wipro Limited is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
28	16	Senior Technical Associate	"We are looking for an experienced Senior Technical Associate ..."	6000	60000	6	BCA	2022-10-03 20:31:08	16	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Karnataka	Bengaluru	8478307730	tax.com	tax@gmail.com	1234	Wipro Limited is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
29	16	Product Cloud Foundry Developer	"We are looking for an experienced Product Cloud Foundry Developer ..."	8000	80000	5	BCA	2022-10-03 20:31:08	16	Rajesh Rajan	Tax Consultancy Services (PCL)	India	Karnataka	Bengaluru	8478307730	tax.com	tax@gmail.com	1234	Wipro Limited is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
30	14	Business Analyst	"We are looking for an experienced Business Analyst ..."	8000	80000	6	MCA	2022-10-03 20:31:08	14	Satyam Naidu	Microsoft	United States	Washington	Redmond	870880670	microsoft.com	microsoft@gmail.com	1234	Microsoft Corporation is an American multinational ...	855876455.png	2017-10-03 20:28:43	1
31	14	Consultant	"We are looking for an experienced Consultant ..."	8000	80000	7	BCA	2022-10-03 20:31:08	14	Satyam Naidu	Microsoft	United States	Washington	Redmond	870880670	microsoft.com	microsoft@gmail.com	1234	Microsoft Corporation is an American multinational ...	855876455.png	2017-10-03 20:28:43	1
32	13	Software Developer	"We are looking for an experienced Software Developer ..."	8000	80000	10	PHD	2022-10-03 20:31:08	13	Satyam Naidu	IBM	United States	New York	Armonk	914880788	ibm.com	ibm@gmail.com	1234	IBM is an American multinational technology company ...	855876455.png	2017-10-03 20:28:43	1
33	13	Software Application	"We are looking for an experienced Software Application ..."	8000	80000	5	BCA, MCA, PHD	2022-10-03 20:31:08	13	Satyam Naidu	IBM	United States	New York	Armonk	914880788	ibm.com	ibm@gmail.com	1234	IBM is an American multinational technology company ...	855876455.png	2017-10-03 20:28:43	1
34	16	Java Developer	"We are looking for an experienced Java Developer ..."	10000	100000	2	BC	2022-10-03 20:31:08	16	Wipro	Wipro	India	Gujarat	Surat	9478807788	wipro.com	wipro@gmail.com	1234	Wipro Limited is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
35	20	IDE	"We are looking for an experienced IDE ..."	8000	80000	5	B. Tech	2022-10-03 20:31:08	20	AK	AK	India	Karnataka	Bengaluru	978880370	ak.com	ak@gmail.com	1234	AK is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1
36	20	IDE	"We are looking for an experienced IDE ..."	8000	80000	5	B. Tech	2022-10-03 20:31:08	20	AK	AK	India	Karnataka	Bengaluru	978880370	ak.com	ak@gmail.com	1234	AK is an Indian Information Technology ...	855876455.png	2017-10-03 20:28:43	1

7. Aggregate Functions

7.1 Show Minimum in Minimum Salary

A screenshot of a SQL query interface. The query is `SELECT MIN(minimumsalary) FROM `job_post`;`. Below the query, there are links for `Profiling`, `Edit inline`, `Edit`, `Explain SQL`, and `Create PHP`. There are also controls for `Show all`, `Number of rows: 25`, and `Filter rows`. An `Extra options` button is present. The result is displayed in a table with one row: `MIN(minimumsalary)` with the value `1000`.

7.2 Show Maximum in Maximum Salary

A screenshot of a SQL query interface. The query is `SELECT MAX(maximumsalary) FROM `job_post`;`. Below the query, there are links for `Profiling`, `Edit inline`, `Edit`, `Explain SQL`, and `Create PHP`. There are also controls for `Show all`, `Number of rows: 25`, and `Filter rows`. An `Extra options` button is present. The result is displayed in a table with one row: `MAX(maximumsalary)` with the value `90000`. On the left side, there is a sidebar with a tree view of database tables: `admin`, `apply_job_post`, `cities`, `company`, `countries`, `job_post`, `logs`, `mailbox`, `reply_mailbox`, and `states`.

7.3 Show Count of Jobs

A screenshot of a SQL query interface. The query is `SELECT COUNT(id_jobpost) FROM `job_post`;`. Below the query, there are links for `Profiling`, `Edit inline`, `Edit`, `Explain SQL`, and `Create PHP`. There are also controls for `Show all`, `Number of rows: 25`, and `Filter rows`. An `Extra options` button is present. The result is displayed in a table with one row: `COUNT(id_jobpost)` with the value `15`.

7.4 Show Average Maximum Salary

A screenshot of a SQL query interface. The query is `SELECT AVG(maximumsalary) FROM `job_post`;`. Below the query, there are links for `Profiling`, `Edit inline`, `Edit`, `Explain SQL`, and `Create PHP code`. There are also controls for `Show all`, `Number of rows: 25`, and `Filter rows`. An `Extra options` button is present. The result is displayed in a table with one row: `AVG(maximumsalary)` with the value `57800`.

7.5 Show Total Maximum Salary

```
SELECT SUM(maximumsalary) FROM `job_post`;
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create](#)]

☐ Show all | Number of rows: 25 ▼

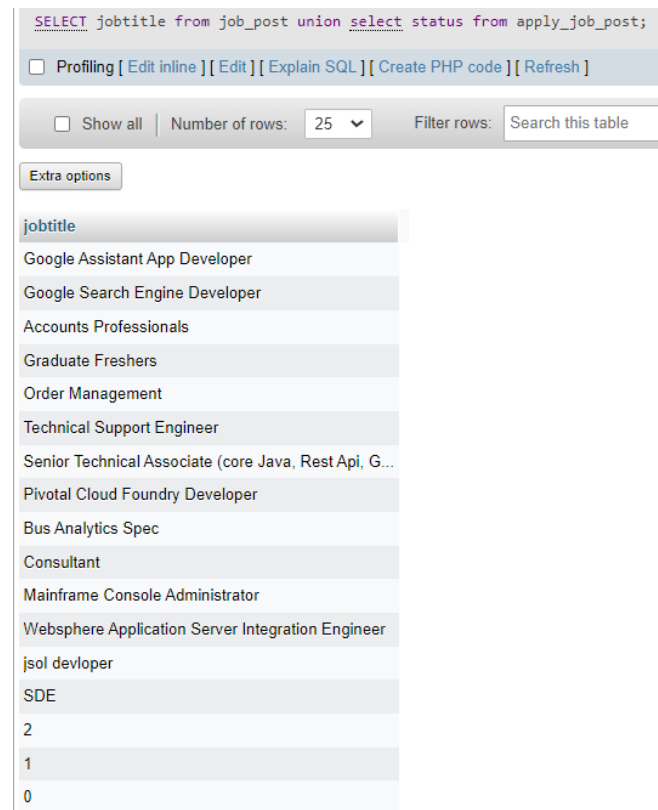
Extra options

SUM(maximumsalary)
867000

8. Set Operations

8.1 UNION

`SELECT jobtitle from job_post union select status from apply_job_post;`



The screenshot shows a SQL query execution interface. At the top, the query is: `SELECT jobtitle from job_post union select status from apply_job_post;`. Below the query, there are links for [Profiling](#), [Edit inline](#), [Edit](#), [Explain SQL](#), [Create PHP code](#), and [Refresh](#). A control bar shows ☐ Show all, Number of rows: 25 (dropdown), Filter rows: Search this table, and an Extra options button. The results table has two columns: jobtitle and status. The jobtitle column contains 15 rows of job titles, and the status column contains 10 rows of status values (2, 1, 0).

jobtitle	status
Google Assistant App Developer	2
Google Search Engine Developer	1
Accounts Professionals	0
Graduate Freshers	
Order Management	
Technical Support Engineer	
Senior Technical Associate (core Java, Rest Api, G...	
Pivotal Cloud Foundry Developer	
Bus Analytics Spec	
Consultant	
Mainframe Console Administrator	
Websphere Application Server Integration Engineer	
jsol devloper	
SDE	
	2
	1
	0

8.2 INTERSECT

`SELECT id_jobpost from job_post intersect select id_jobpost from apply_job_post;`

SQL Query:

```
SELECT id_jobpost from job_post intersect select id_jobpost from apply_job_post;
```

Options: ☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | So

Extra options

id_jobpost
22
23
24
25
26
27
28
29
31
32

8.3 UNION ALL

SELECT id_jobpost from job_post union all select id_jobpost from apply_job_post;

SQL Query:

```
SELECT id_jobpost from job_post union all select id_jobpost from apply_job_post;
```

Options: ☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

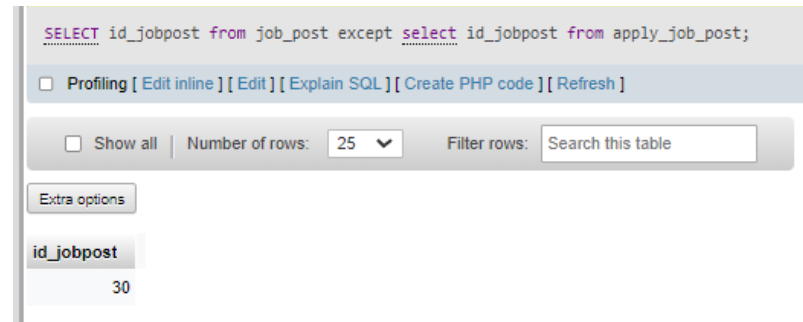
1 > >> | ☐ Show all | Number of rows: 25 | Filter rows: Search th

Extra options

id_jobpost
22
23
24
25
26
27
28
29
30
31
22
24
28
25
29
33
23
26
27
31

8.4 EXCEPT

SELECT id_jobpost from job_post except select id_jobpost from
apply_job_post;



The screenshot shows a web-based SQL interface. At the top, a text area contains the SQL query: `SELECT id_jobpost from job_post except select id_jobpost from apply_job_post;`. Below the text area is a toolbar with buttons for `Profiling`, `Edit inline`, `Edit`, `Explain SQL`, `Create PHP code`, and `Refresh`. Below the toolbar is a control bar with a `Show all` checkbox, a `Number of rows` dropdown set to `25`, and a `Filter rows` search box. Below the control bar is a button labeled `Extra options`. Below the button is a table header with the column name `id_jobpost`. Below the header is a table body with a single row containing the value `30`.

```
SELECT id_jobpost from job_post except select id_jobpost from apply_job_post;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▼ | Filter rows: Search this table

Extra options

id_jobpost
30

9. Functions and Procedures

Displays years.

FUNCTION

Details

Routine name

years

Type

FUNCTION

Parameters

Name	Type	Length/Va
date1	DATE	---

Add parameter

Return type

INT

Return length/values

255

Return options

UNSIGNED

Definition

```
1 BEGIN
2 DECLARE date2 DATE;
3 Select current_date()into date2;
4 RETURN year(date2)-year(date1);
5 END
```

Go

Close

OUTPUT

SET @p0=''; SELECT `years`(@p0) AS `years`;

Execution results of routine `years`

years
2022

PROCEDURE

Getting id and first name from users table.

Edit

Details

Routine name

getUsers

Type

PROCEDURE

Parameters

Direction

Name

Type

Length/Values

Options

Add parameter

1

SELECT id_user,firstname from users

Definition

Is deterministic

☐

Adjust privileges

☒

Definer

`root`@`localhost`

Security type

DEFINER

SQL data access

CONTAINS SQL

Comment

Go

Close



OUTPUT









```
CALL `getUsers`();
```

Execution results of routine `getUsers`

id_user	firstname
2	Ma
3	Ak
14	mk
15	Mks
16	Ab

Routines

☐ Check all  Export  Drop



	Name	Type	Returns	
<input type="checkbox"/>	getUsers	PROCEDURE		 Edit  Execute  Export  Drop
<input type="checkbox"/>	years	FUNCTION	int(255) unsigned	 Edit  Execute  Export  Drop










10. Triggers and Cursors

TRIGGER

Objective: This trigger adds a log file when a new user has been added to the database.

Triggers

☐ Check all  Export 

	Name	Time	Event	
<input type="checkbox"/>	deleteLog	BEFORE	DELETE	 Edit  Export  Drop
<input type="checkbox"/>	insertLog	AFTER	INSERT	 Edit  Export  Drop
<input type="checkbox"/>	updateLog	AFTER	UPDATE	 Edit  Export  Drop

New

information_schema

job_portal

- New
- admin
- apply_job_post
- cities
- company
- countries
- job_post
- logs
- mailbox
- reply_mailbox
- states
- users

mysql

performance_schema

phpmyadmin

test

Extra options


































← T →

id

id_user

action

cdate

<input type="checkbox"/>	 Edit	 Copy	 Delete	1	2	Inserted	2022-11-28 01:29:19
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	14	updated	2022-11-28 01:34:30
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	3	Inserted	2022-11-28 01:40:50
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	12	Inserted	2022-11-28 01:42:52
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	12	Deleted	2022-11-28 01:43:42
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	3	updated	2022-11-28 01:45:03
<input type="checkbox"/>	 Edit	 Copy	 Delete	7	15	Inserted	2022-11-28 01:58:27
<input type="checkbox"/>	 Edit	 Copy	 Delete	8	15	updated	2022-11-28 09:36:49
<input type="checkbox"/>	 Edit	 Copy	 Delete	9	15	updated	2022-11-28 09:40:27
<input type="checkbox"/>	 Edit	 Copy	 Delete	10	16	Inserted	2022-11-28 10:07:21
<input type="checkbox"/>	 Edit	 Copy	 Delete	11	15	updated	2022-11-30 12:42:38

CURSOR

Objective: When the job post has a status of available, it shows the availability in the database

```
CREATE PROCEDURE 'getStatus'() NOT DETERMINISTIC CONTAINS SQL SQL SECURITY DEFINER  
BEGIN DECLARE stat TEXT;  
DECLARE stat_cursor CURSOR FOR SELECT status FROM 'job_post'; OPEN stat_cursor; FETCH FROM  
stat_cursor INTO stat; IF stat="Available" THEN SELECT stat; END IF; CLOSE stat_cursor; END
```

```
CALL `getStatus`();
```

Execution results of routine `getStatus`

stat

Available

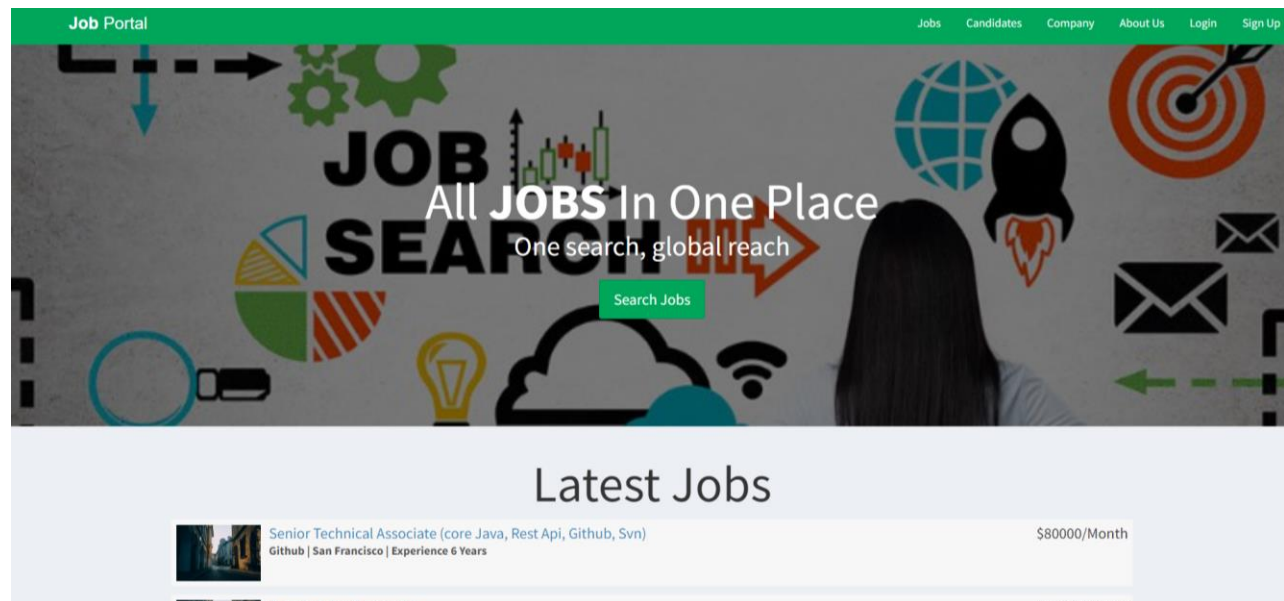
11. Developing a Frontend

Higher Level Programming - A simple frontend that is in sync with the backend database is required to be developed . HTML, CSS, PHP and MySQL have been used here.

The frontend supports :

1. **Addition, Modification and Deletion** of records from any chosen table – company, users, etc
2. There is a window to accept and run any SQL statement and display the result.

11.1 HOMEPAGE



11.2 a) Candidate and Company Sign Up Pages:

Job Portal

JobsLoginSign Up

Sign Up

User Registration

Register

Company Registration

Register

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Candidate:

Job Portal

JobsLoginSign Up

CREATE YOUR PROFILE

First Name *

Last Name *

Email *

Brief intro about yourself *

Date Of Birth

dd-mm-yyyy

Age

Passing Year

dd-mm-yyyy

Highest Qualification

Stream

☐ I accept terms & conditions

Register

Password *

Confirm Password *

Phone Number

Address

City

State

Enter Skills

Designation

File Format PDF Only!

Choose FileNo file chosen

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Company:

Jobs

Login

Sign Up

CREATE COMPANY PROFILE

Full Name

Company Name

Website

Email

Brief info about your company

Full Name

Company Name

Website

Email

Brief info about your company

Password

Confirm Password

Phone Number

Select Country

Attach Company Logo

Password

Confirm Password

Phone Number

Select Country

Attach Company Logo

Choose File

No file chosen

☐ I accept terms & conditions

Register

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b) Candidate and Company Login Pages:

[Jobs](#)[Login](#)[Sign Up](#)

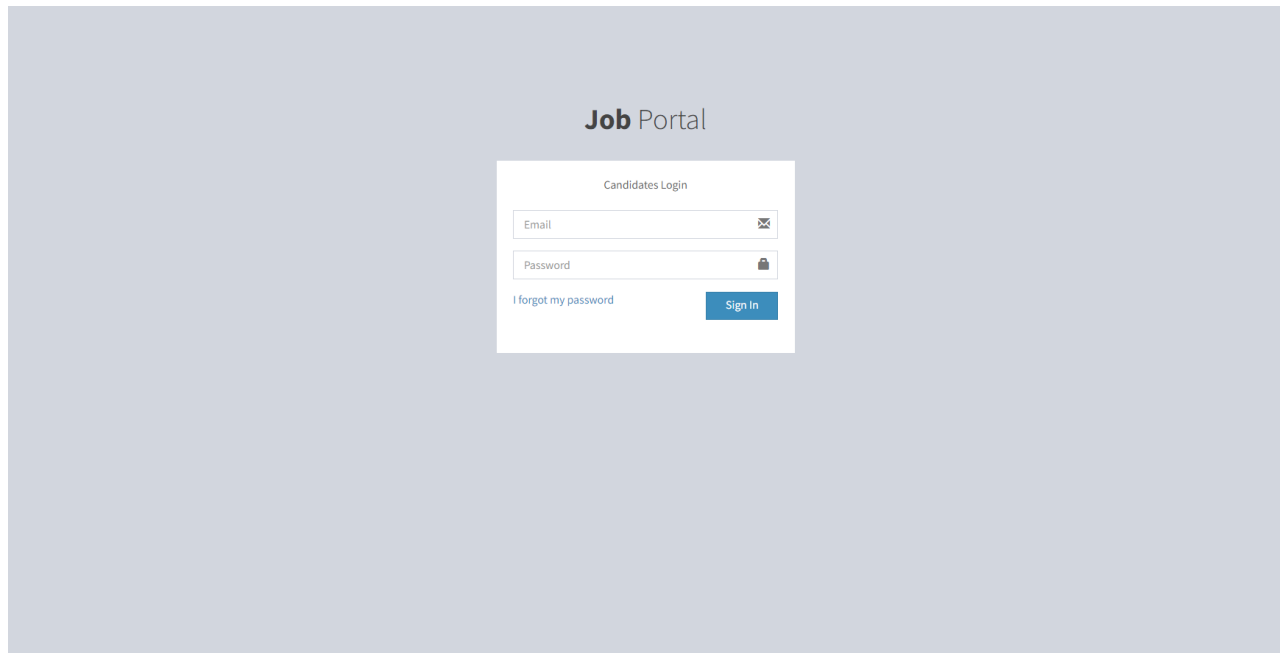
Sign Up

Candidates Login

Company Login

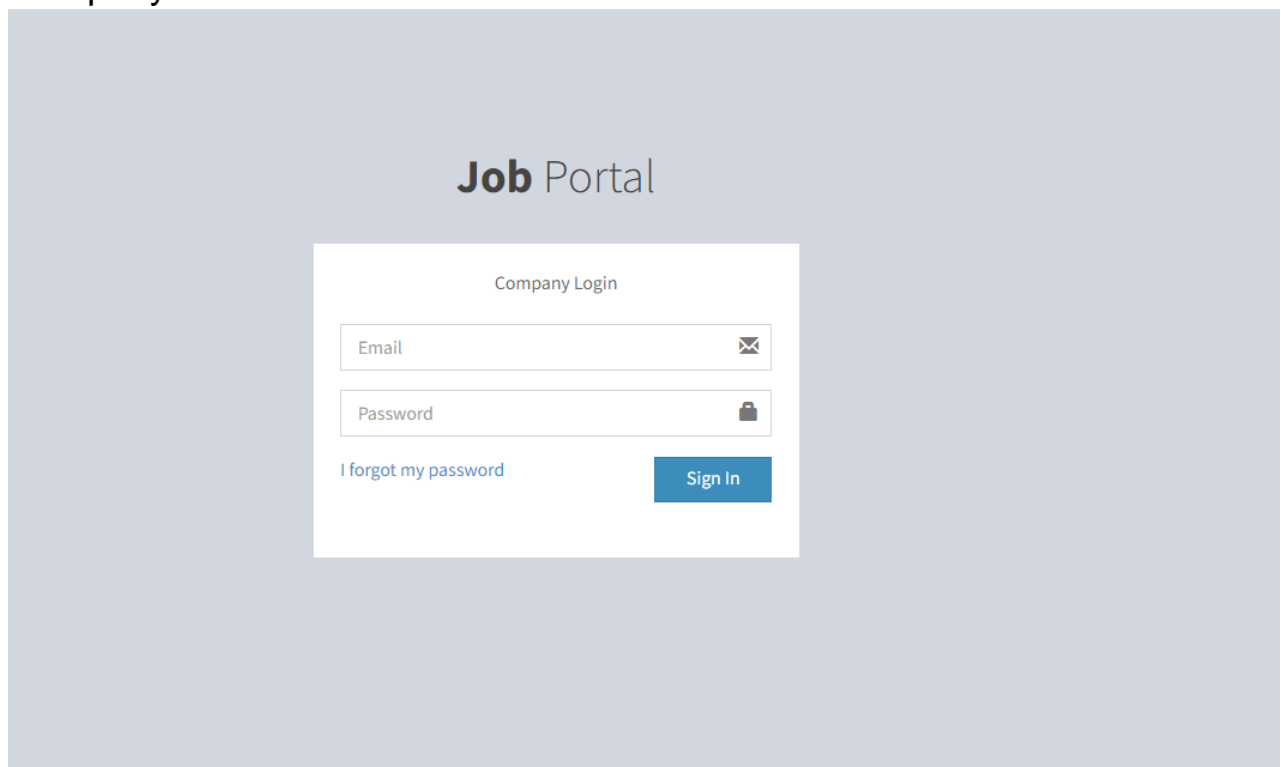
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Candidate:



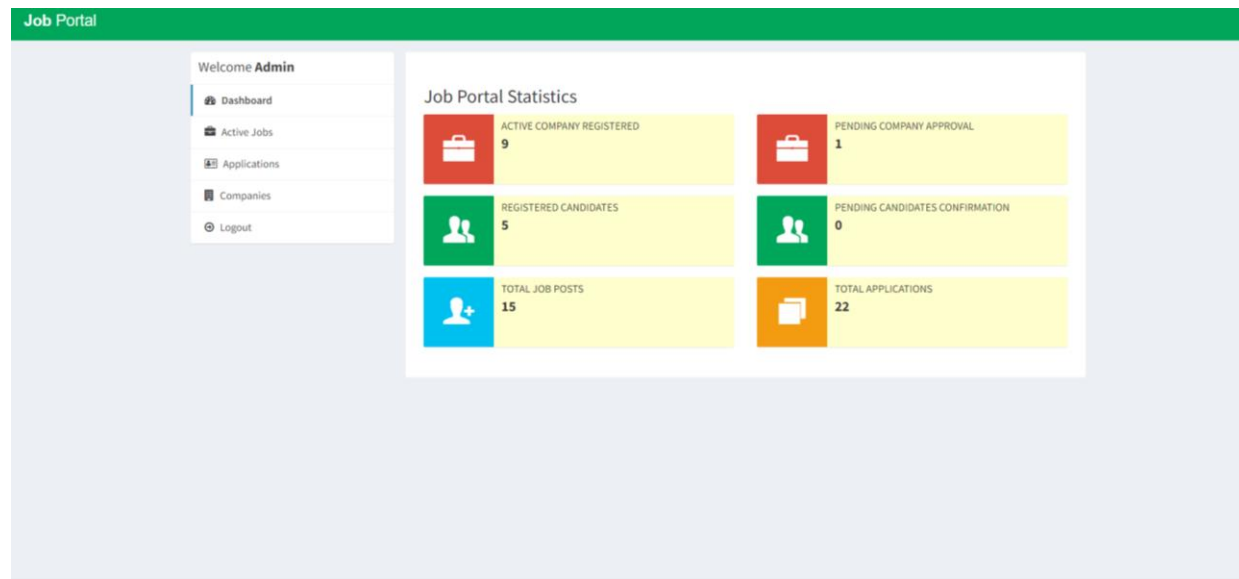
The image shows a 'Job Portal' interface for candidate login. The title 'Job Portal' is centered at the top. Below it is a white box titled 'Candidates Login'. Inside this box, there are two input fields: 'Email' with an envelope icon and 'Password' with a lock icon. Below the password field is a link that says 'I forgot my password'. To the right of this link is a blue button with the text 'Sign In'.

Company:



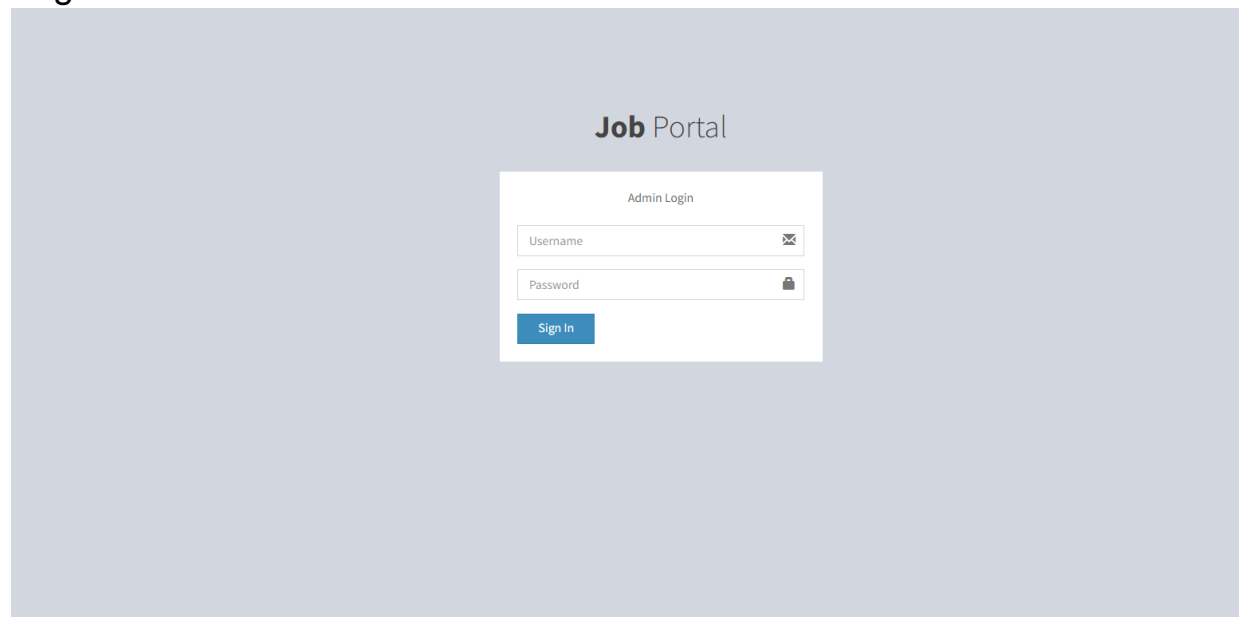
The image shows a 'Job Portal' interface for company login. The title 'Job Portal' is centered at the top. Below it is a white box titled 'Company Login'. Inside this box, there are two input fields: 'Email' with an envelope icon and 'Password' with a lock icon. Below the password field is a link that says 'I forgot my password'. To the right of this link is a blue button with the text 'Sign In'.

11.3 Admin Dashboard



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Login:



The login form is centered on a light gray background. It has a title "Job Portal" and a subtitle "Admin Login". Below the subtitle are two input fields: "Username" with an eye icon and "Password" with a lock icon. A blue "Sign In" button is positioned below the password field.

Active Jobs:

Job Portal

Welcome Admin

Dashboard

Active Jobs

Applications

Companies

Logout

Active Job Posts

Job Name	Company Name	Date Created	View	Delete
Accounts Professionals	Tata Consultancy Services (TCS)	03-Oct-2022		
Bus Analytics Spec	Microsoft	03-Oct-2022		
Consultant	Microsoft	03-Oct-2022		
Google Assistant App Developer	Google	03-Oct-2022		
Google Search Engine Developer	Google	03-Oct-2022		
Graduate Freshers	Tata Consultancy Services (TCS)	03-Oct-2022		
jsol developer	vinay	10-Aug-2022		
Mainframe Console Administrator	IBM	03-Oct-2022		
Order Management	Wipro	03-Oct-2022		
Pivotal Cloud Foundry Developer	Github	03-Oct-2022		

Showing 1 to 10 of 15 entries

Previous12Next

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Candidates:

Job Portal

Welcome Admin

Dashboard

Active Jobs

Candidates

Companies

Logout

Candidates Database

Candidate	Highest Qualification	Skills	City	State	Download Resume
Ab Cd	B. Tech.	Web - dev USA	Bengaluru	Karnataka	
Ak Sl	B. Tech.	WEB DEV	Bangalore	Karnataka	
Ma Ya	B. Tech.	data	Rsd	Lpd	
mk m	BE	m	m	m	
Mks S	B. Tech.	Web Dev	Bangalore	Karnataka	

Showing 1 to 5 of 5 entries

Previous1Next

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Companies:

Job Portal

Welcome Admin

Dashboard

Active Jobs

Applications

Companies

Logout

Companies

Company Name	Account Creator Name	Email	Phone	City	State	Country	Status	Delete
ABC C	Mayank	abc@gmail.com	1239890123	Bengaluru	Karnataka	India	Activated	Delete
ABCD	MK	abcd@gmail.com	9786543210	Bengaluru	Karnataka	India	Activated	Delete
CS	ab	cs@gmail.com	9876543210	Bengaluru	Karnataka	India	Reject Approve	Delete
Github	Chris Wanstrath	github@gmail.com	5485760347	San Francisco	California	United States	Activated	Delete
Google	Sundar Pichai	google@gmail.com	6058790458	Bengaluru	Karnataka	India	Activated	Delete
IBM	Ginni Rometty	ibm@gmail.com	8674897894	Airmont	New York	United States	Activated	Delete
Microsoft	Satya Nadella	microsoft@gmail.com	9707859078	Redmond	Washington	United States	Activated	Delete
Tata Consultancy Services (TCS)	Rajesh Gopinathan	tcs@gmail.com	9678950786	Navi Mumbai	Maharashtra	India	Activated	Delete
vinay	vinay	vinay@gmail.com	3434314479	Goa	Goa	India	Activated	Delete
Wipro	Abidali Neemuchwala	wipro@gmail.com	8476380730	Bengaluru	Karnataka	India	Activated	Delete

Showing 1 to 10 of 10 entries

Previous1Next

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11.4 Creating a Job by the Company

Job Portal

Welcome ABCD

Dashboard

My Company

Create Job Post

My Job Post

Job Application

Mailbox

Settings

Resume Database

Logout

Create Job Post

Job Title

File Edit View Format

Paragraph

B

I

Job Description

9

POWERED BY TINY

Minimum Salary

Maximum Salary

Experience (in Years) Required

Qualification Required

Create

Copyright © 2022-2023 Job Portal. All rights reserved.

My Job Post:

Job Portal

Welcome **ABCD**

Dashboard

My Company

Create Job Post

My Job Post

Job Application

Mailbox

Settings

Resume Database

Logout

My Job Posts

In this section you can view all job posts created by you.

Job Title	View
SDE	View
SDE	View

Showing 1 to 2 of 2 entries

Previous1Next

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11.5 Applying to Jobs by the Candidate

Job Portal

DashboardLogout

Latest Jobs

Filters

City


Experience

Attachment Image

jsol developer

vinay | Goa | Experience 2 Years


\$20000/Month



SDE

ABCD | Bengaluru | Experience 4 Years

\$10000/Month



SDE

ABCD | Bengaluru | Experience 2 Years

\$5000/Month

First

Previous

1

2

3

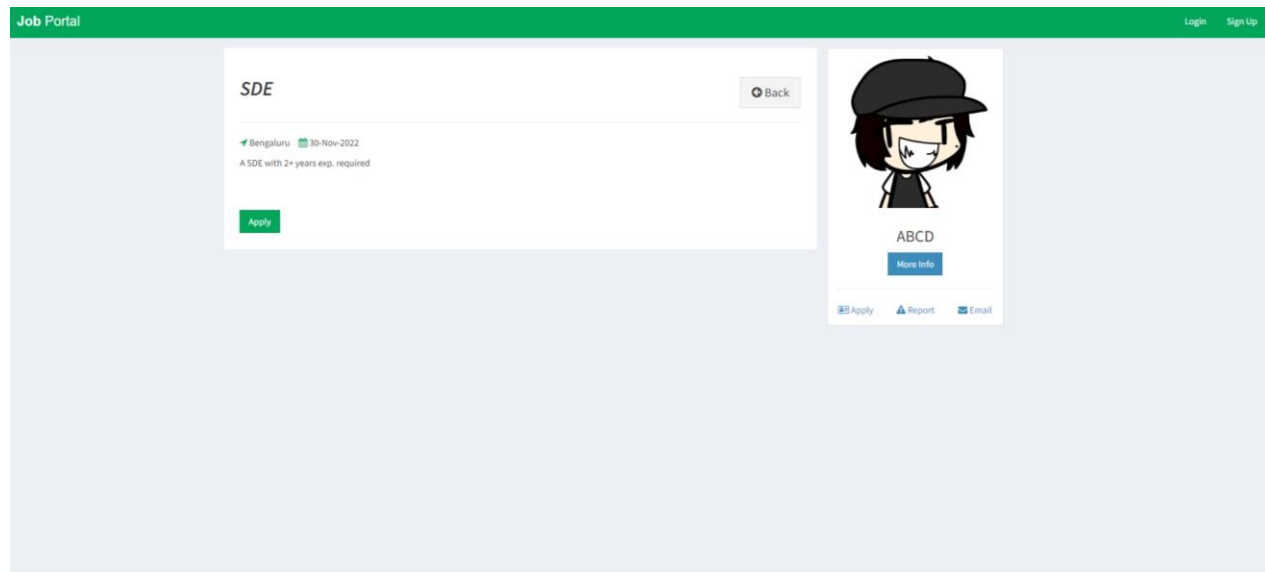
4

Next

Last

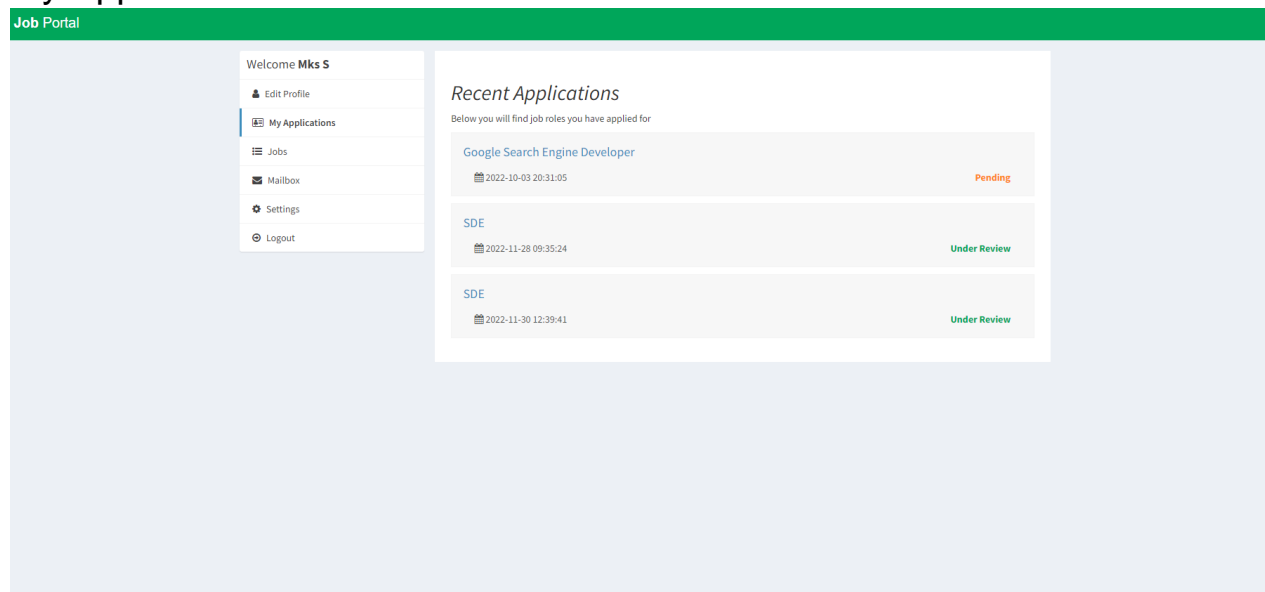
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33



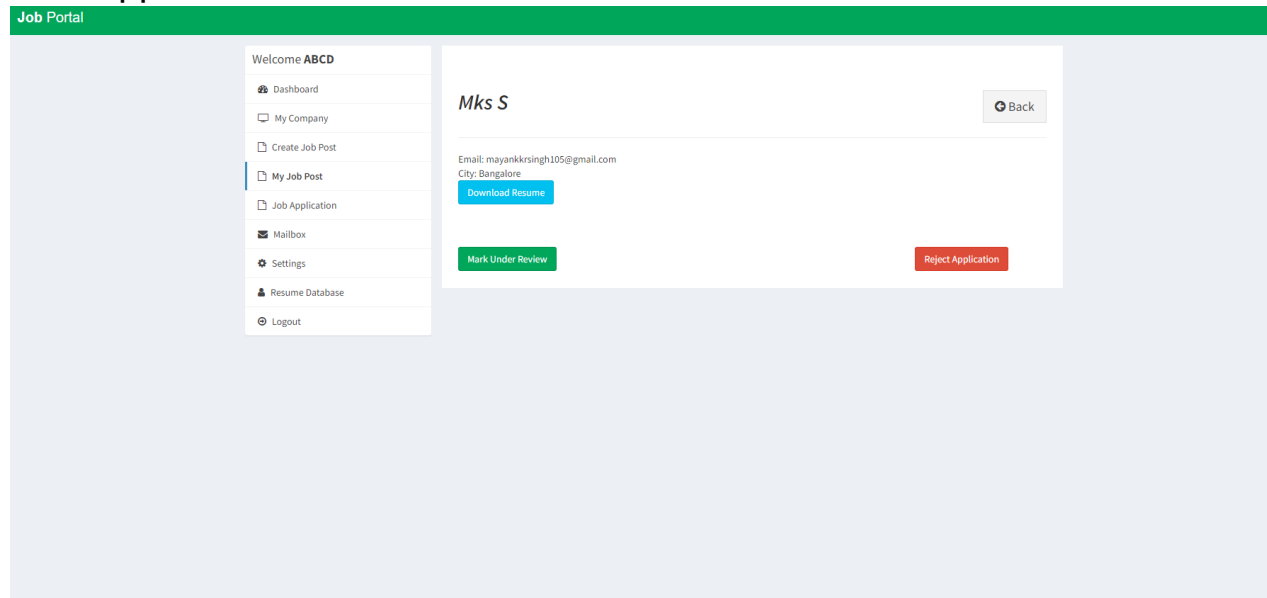
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My Applications:



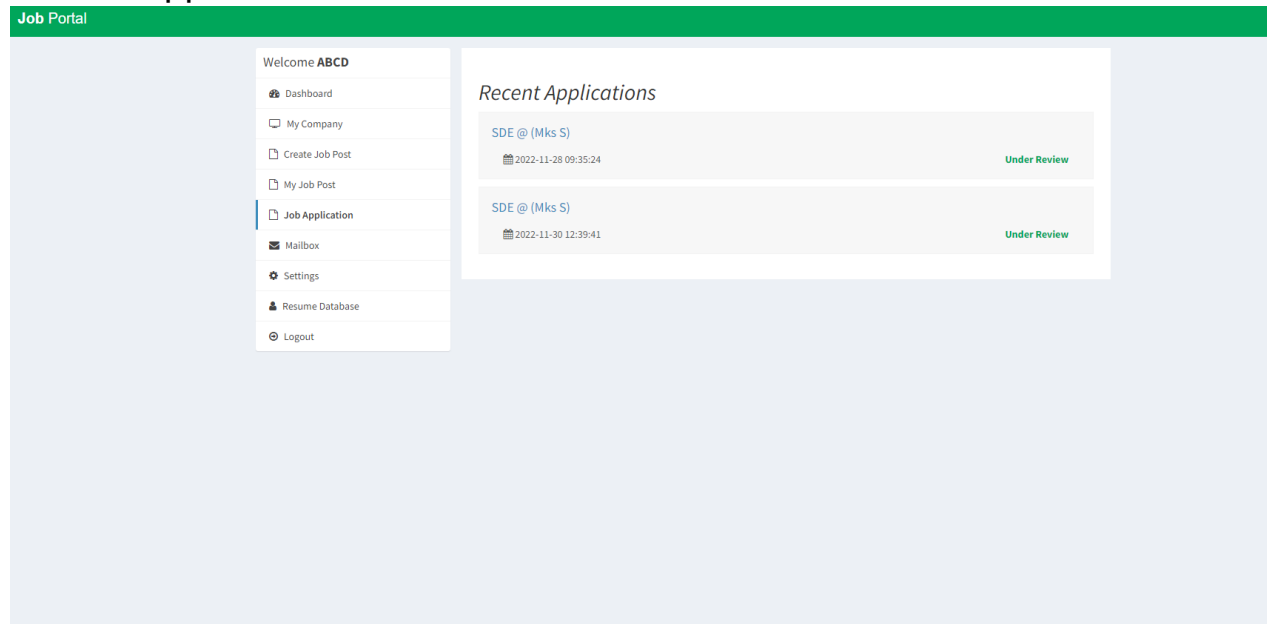
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11.6 Approval



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Recent Applications and their status:



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11.7 Mailbox

Job Portal

Welcome **ABCD**

Dashboard

My Company

Create Job Post

My Job Post

Job Application

Mailbox

Settings

Resume Database

Logout

Back

Job Approval

From: ABCD

28-Nov-2022 10:09 am

Your application has been accepted for the specified Position in our Company.

Reply Message

From: Mks

28-Nov-2022 10:10 am

Reply Message

From: Mks

28-Nov-2022 10:10 am

Thank You.

Send Reply

File Edit View Format

↶ ↷ Paragraph

B *I*

≡ ≡ ≡ ≡

≡ ≡

Job Description

P

POWERED BY TINY

Reply

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THANK YOU

Mayank Kumar Singh