**Queries:**

mysql> create table companies (

companyid int primary key auto\_increment,

companyname varchar(255) not null,

location varchar(255) not null

);

mysql> create table joblistings (

jobid int primary key auto\_increment,

companyid int not null,

jobtitle varchar(255) not null,

jobdescription text not null,

joblocation varchar(255) not null,

salary decimal(10,2) not null,

jobtype enum('full-time', 'part-time', 'contract') not null,

posteddate datetime default current\_timestamp,

foreign key (companyid) references companies(companyid) on delete cascade

);

mysql> create table applicants (

applicantid int primary key auto\_increment,

firstname varchar(100) not null,

lastname varchar(100) not null,

email varchar(255) unique not null,

phone varchar(20) not null,

resume text not null

);

mysql> create table applications (

applicationid int primary key auto\_increment,

jobid int not null,

applicantid int not null,

applicationdate datetime default current\_timestamp,

coverletter text not null,

foreign key (jobid) references jobs(jobid) on delete cascade,

foreign key (applicantid) references applicants(applicantid) on delete cascade

);