



PARSHWANATH CHARITABLE TRUST'S

A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering
Data Science



Job Matrix

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Project Guide

Ms. Aavani N

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1. Introduction

Problem Identified :

- Job seekers face difficulties in finding suitable job openings and tracking their applications efficiently.
- Companies struggle with managing and filtering job applications, leading to a time-consuming hiring process.

Solution Proposed :

- Develop an online platform where users can easily search and apply for jobs, streamlining the application process.
- Provide companies with a dashboard to post jobs, review applications, and accept or reject candidates efficiently.

2. Objectives

- To develop an efficient platform for job applications and recruitment by using python(tkinter) for creating GUI and Mysql (8.0.39) for storing the data.
- To allow users to search and apply for jobs easily by using filter method in python(tkinter).
- To enable companies to review applications and make hiring decisions python(tkinter) for creating GUI and Mysql (8.0.39) for storing the data .
- To provide a structured job management system for both parties python(tkinter) for creating GUI and Mysql (8.0.39) for storing the data.

3. Scope

- The platform will be accessible to job seekers and companies.
- Users can register, create profiles, and apply for jobs.
- Companies can post job listings and manage applicants.
- Admin functionalities for system monitoring and maintenance.

4. Features

1. Candidate & Employer Registration & Profile Management

- Both job seekers and employer must register to access this platform.
- Job seekers can create profiles, upload resumes, and update personal details, while employer can set up company profiles and job postings.

2. Job Search & Application

- Job seekers can browse available jobs, search by title, location, and salary, and apply with a single click.

4. Features

3. Recruiter Job Management

- Recruiters can post job openings, manage applications, review candidate profiles, and accept or reject applications based on suitability.

5. Outcome of Project

- Candidate and Employer can log in securely.
- Candidate can search for job options available.
- Candidate can filter and search jobs by providing following input Job titles , Locations , Salary.
- Employer can create jobs , manage jobs and can hire candidates wisely.



Welcome page

Candidate sign in



Here is your Dream job



Email_Id

password

Signin

-----OR-----

Don't have an account?

Create Account

Candidate sign up

Sign Up

Username

Email_Id

Phone no.

password

Confirm Password

SignUp

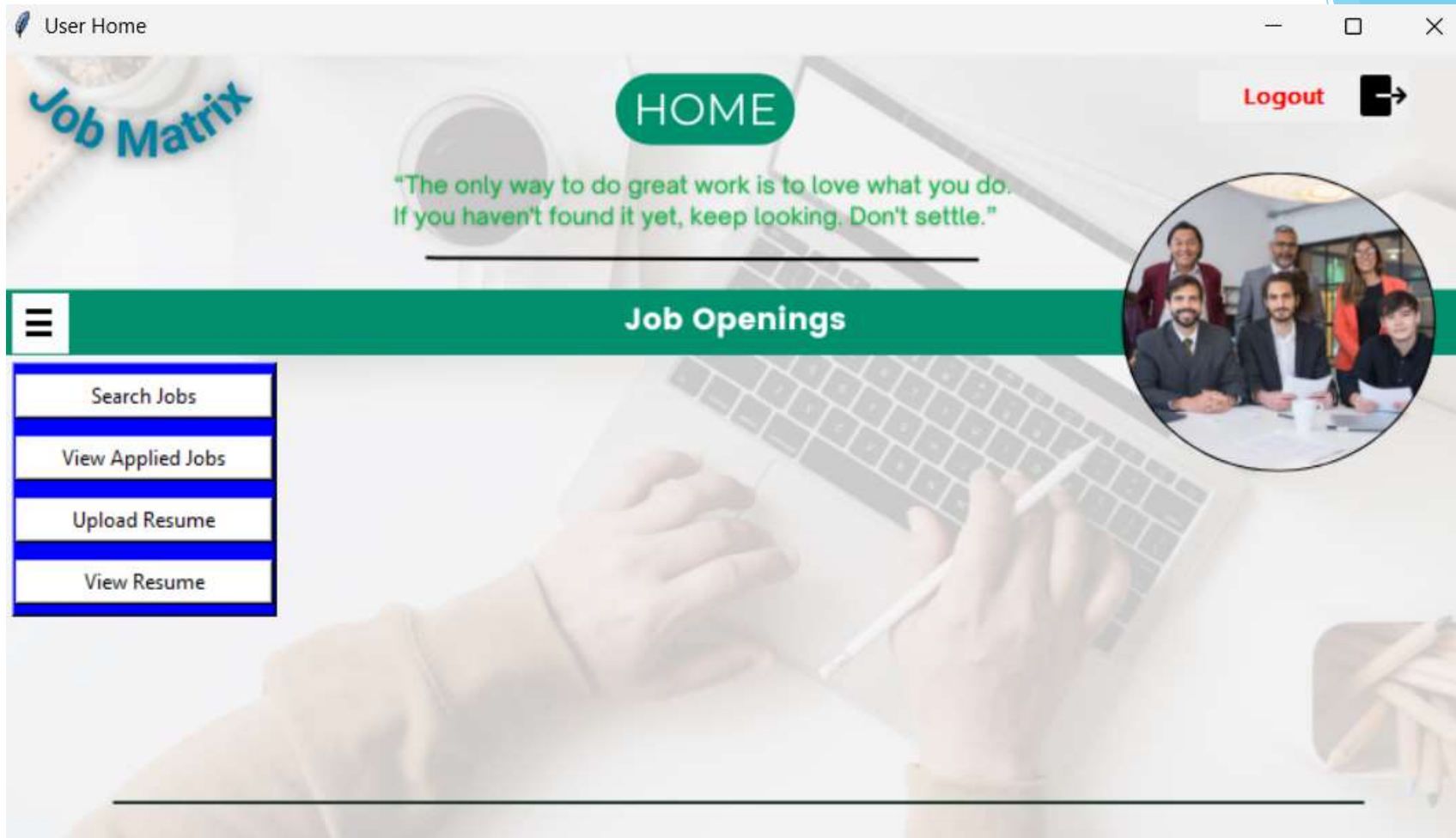
Already Have an Account?

SignIN



Find Your Dream Job By One On JobMatrix





Candidate home page

Job Search Portal

Find Your Dream Job

Job Title:

Location:

Min Salary:

Search

Job ID	Job Title	Location	Salary
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Apply for Selected Job

←

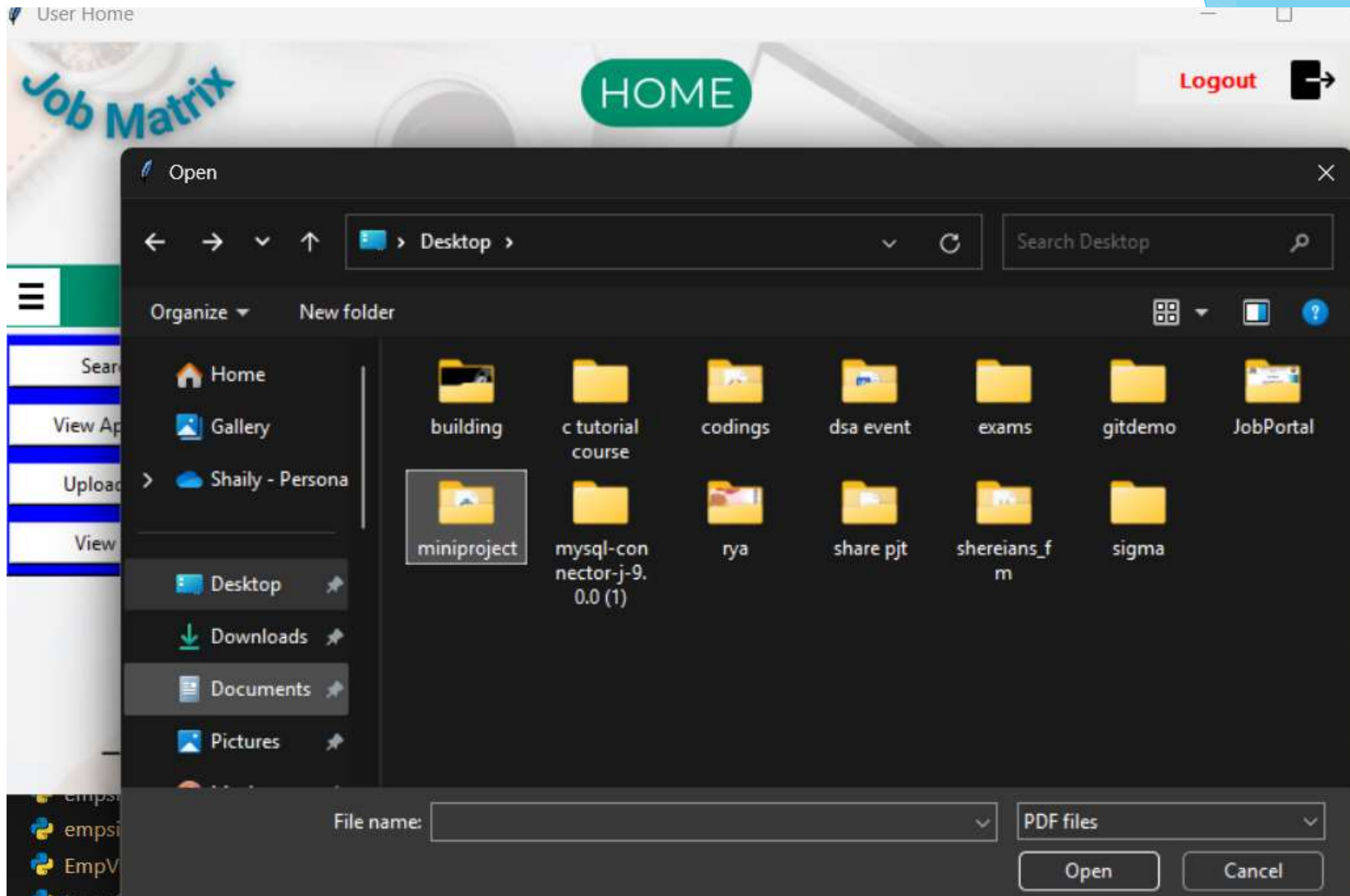
Job Search

View Applied Jobs

App ID	Job Title	Company	Location	Salary	Status
1	data sci	microsoft	thane	200000	accepted

← Refresh Cancel Job

View Applied Job



Upload Resume

Job Matrix



Name

Email_Id

Phone no.

password

Confirm Password

SignUp

Already Have an Account?

SignIn

If You Don't Create a Great, Rewarding
Place For People To Work, They Won't Do
Great Work



Employer Signup

Job Matrix

If You Don't Create a Great, Rewarding
Place For People To Work, They Won't Do
Great Work



Email_Id

password

SignIn

OR

Don't Have an Account?

Create Account

Employer sign in



Job Matrix

HOME

I'm Ready To Hire Quality Condidates

POST A JOB

VIEW JOBS

DELETE JOBS

EDIT JOBS

MANAGE CANDIDATE



Hiring made simple
Post Your JOB Here

POST A JOB



"Making lives better by connecting people"

with recruiting experts in temporary staffing, executive search, and technical recruiting, we pride ourselves on forming relationships, learning company cultures, and becoming extended part your team, you will be vetted by our team to ,make sure you are set up for success.

Employer home page

Job Matrix

CREATE JOB

JOB TITLE

COMPANY

LOCATION

SALARY

DESCRIPTION

POST

Create A Job

Available job Listing

Job Listings

Available Job Listings

ID	Job Title	Company	Description	Salary	Location
1	Frontend developer	MicroSoft	nbdthj fgjw jthwe	100000	Mumbai
2	Backend Developmen	Microsoft	nmdbvbf dfg kfh	12000	USA
3	Data analyst	Microsoft	uh dbjekjd ekd	50000	Bangalore
4	data sci	microsoft	ufibskud	200000	thane

Job Management System

←

Job Title

Data analyst

Company

Microsoft

Description

uh dbjekjd ekd

Salary

50000

Location

Bangalore

Employer ID

None

Add Job

Update Job

Delete Job

ID	Job Title	Company	Description	Salary	Location	Employer ID
1	Frontend develop	MicroSoft	nbdfhj fgjw jfhwe	100000	Mumbai	None
2	Backend Developn	Microsoft	nmdsbvf dfg kfh	12000	USA	None
3	Data analyst	Microsoft	uh dbjekjd ekd	50000	Bangalore	None
4	data sci	microsoft	ufibskud	200000	thane	None

Manage jobs

Manage Job Applications

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Search by Job Name

View Applicants

Cancel Application

Accept Application

Reject Application

View Resume

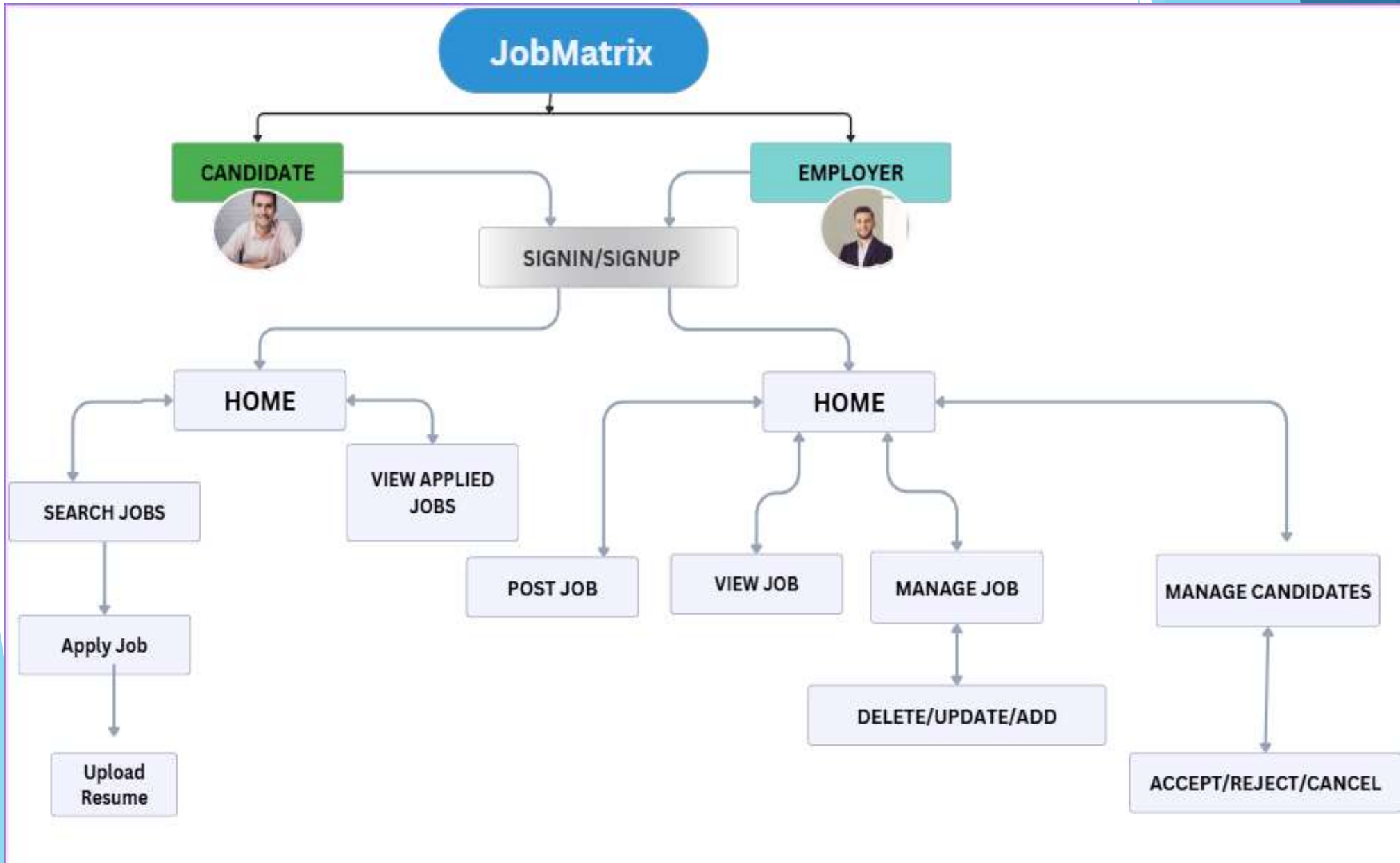
ID	Name	Email	Phone	Job Title	Status	Application ID	Canceled	Resume Path
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Manage Candidates

6. Technology Stack

- -Using Python (**Tkinter**) for creating front end GUI
- -Using **MySQL** for database
- -**pyMySQL** or connecting MySQL database with Python

7. Block Diagram



Thank You...!!