



A

Grand Project

On

HireSphere

Submitted to

Gujarat University

Faculty of Computer Applications

In partial fulfilment of the requirement of the award for the degree of Bachelor of

Computer Application



GUJARAT UNIVERSITY

સાધુઃ સુધુઃ

Gujarat University

Under the guidance

Faculty Name

(Trupti Mam)

Submitted by

Name	Enrolment no.
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DECLARATION

*We, “Yash Prajapati , Ayan Mansuri and Shubham pipala” hereby declare that the report for Software Development Project part-II entitled **HireSphere** is a result of our own work and our indebtedness to other work publications, references, if any, have been duly acknowledged.*

Place: Ahmedabad Date:

Name and Signature of External Supervisor

Name and Signature of Project Guid

CERTIFICATE

"This is to Certify that the following students of Asia Pacific BCA College of Computer Applications, from BCA SEMESTER VI (TY BCA) have satisfactory completed Software Development Project –II On "HireShpere".



Vice – Principal In charge
Guide Principal I/C

Name and Signature of Project

Date: _____

Place: _____

PREFACE

There is a famous saying “The theory without practical is lame and practical without theory is blind.”

This project report is accompanied with practical experiences to add some worthiness to education. This practical in B.C.A program developer competencies of business world. Thus, we have a practical outlook of the managerial experts and witness the function of Computer Technology in real business. My work in this project is, therefore, a humble attempt towards this end, In spite of my best efforts, there may be errors or omissions, which may please be excused. This information furnished here is correct and true according to us.

COMPANY CERTIFICATE



F6, Dhanlaxmi Chambers, Near Sarvoday Co op bank,
Ashram road Ahmedaba-380014

Certificate

This is to certify that **Mansuri Mohammad Ayan Aslam Husen** (Enrollment No. 202212102020), **PRAJAPATI YASH MANGABHAI** (Enrollment No. 202212102083), and **PIPALA SHUBHAM MUKESHBHAI** (Enrollment No. 202212102075) from Asia Pacific BCA Collage have successfully completed a significant portion of their project titled "**HIRESPHERE**."

Their hard work, dedication, and collaborative effort have been instrumental in reaching this milestone. We appreciate their continuous effort toward successfully completing the project.

A handwritten signature in black ink, appearing to read "T Sagar".
BRAINYBEAM INFO-TECH PVT. LTD.
AHMEDABAD

With Best Regards,
BrainyBeam Info-Tech Pvt Ltd
Mr. Sagar Jasani
CEO
Ahmedabad



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COMPANY PROFILE

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Website	
Address	F6. Dhanlaxmin Chambers Near Sarvoday Co op bank Ashram road Ahmedabad-380014
External Guide	

ACKNOWLEDGEMENT

“The success of any person is not only his hard work but it is also the support and co-operation one gets for success”.

Apart from an individual effort, the success of any project depends largely on encouragement and guidelines of many others. We take this opportunity to express our gratitude to the people who have been instrumental in the successful completion of this project.

My deep gratitude to everyone who gave their precious time by filling our survey and help us in successfully completing this project.

*I would also like to thank , **Principal I/C**, for giving us a peaceful and calm atmosphere to help in our Study, and make this report.*

*Faculty of Asia Pacific BCA College **GUIDE** who helped me with successful completion of project and give valuable suggestions and opinions for the project.*

*I express my Gratitude to the **Asia Pacific BCA College** support and the environment it has provided.*

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Screen layout

User Home Page :-

The screenshot shows the user home page of the HireSphere platform. At the top, there's a navigation bar with tabs for 'Home', 'Jobs Applied', and 'Notifications'. A 'Menu' button is also present. Below the navigation, a large banner features the text 'Welcome To new' and 'Find a Job With Your Interests and Abilities'. It includes a search bar with placeholder 'Search categories...', a 'Search' button, and a 'See All' button. To the right of the text is a cartoon illustration of a person with a backpack standing next to a map and a location pin. Below the banner are three cards, each labeled 'FULL-TIME': one showing a doctor, one showing a chef, and one showing a network of people.

Company Home Page :-

The screenshot shows the company home page of the HireSphere platform. The top navigation bar includes 'Job Applicants', 'Notifications', 'Our Job Post', 'Post Job', 'Post Tender', and 'Show Tender'. A 'Menu' button is also present. The main content area features a 'Welcome To cp' message followed by a bold statement: 'finding a right talent for your company is a big task. We are here to help you in finding the right talent for your company.' Below this text is a search bar with placeholder 'Find jobs that match your interests with us. Jabang provides a place to find your dream job.' and two buttons: 'Get Started' and 'Post Job'. To the right of the text is a cartoon illustration of a woman holding a tablet, surrounded by various charts and graphs. At the bottom of the page is a teal footer bar with the text '© 2025 Job Search. All rights reserved.'

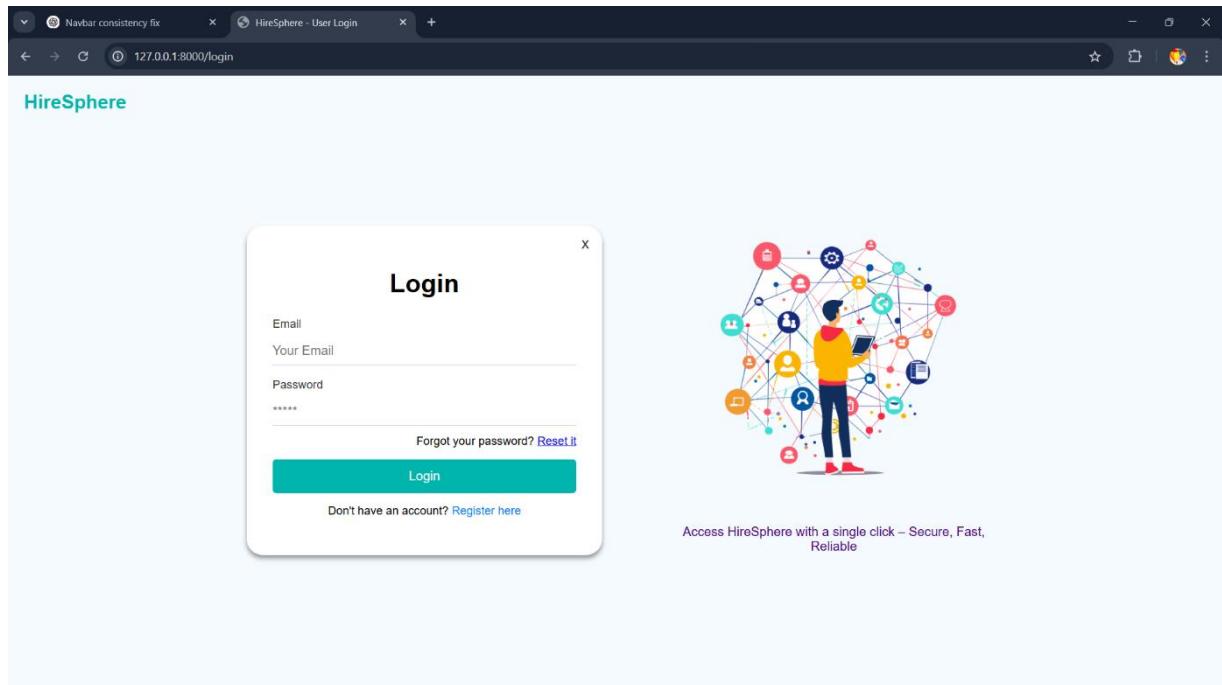
User Register :-

The screenshot shows a web browser window titled "HireSphere - User Login" at the URL "127.0.0.1:8000/login". The page has a light gray background with a central white login form. The form is titled "Login" and contains fields for "Email" (placeholder "Your Email") and "Password" (placeholder "*****"). Below the password field is a link "Forgot your password? [Reset it](#)". A large teal button labeled "Login" is centered below the fields. At the bottom of the form is a link "Don't have an account? [Register here](#)". To the right of the form is a decorative graphic of a person standing in front of a network of interconnected icons representing various services or data points. Below the graphic is the text "Access HireSphere with a single click – Secure, Fast, Reliable". The top of the browser window shows a tab labeled "Navbar consistency fix" and a status bar indicating the URL.

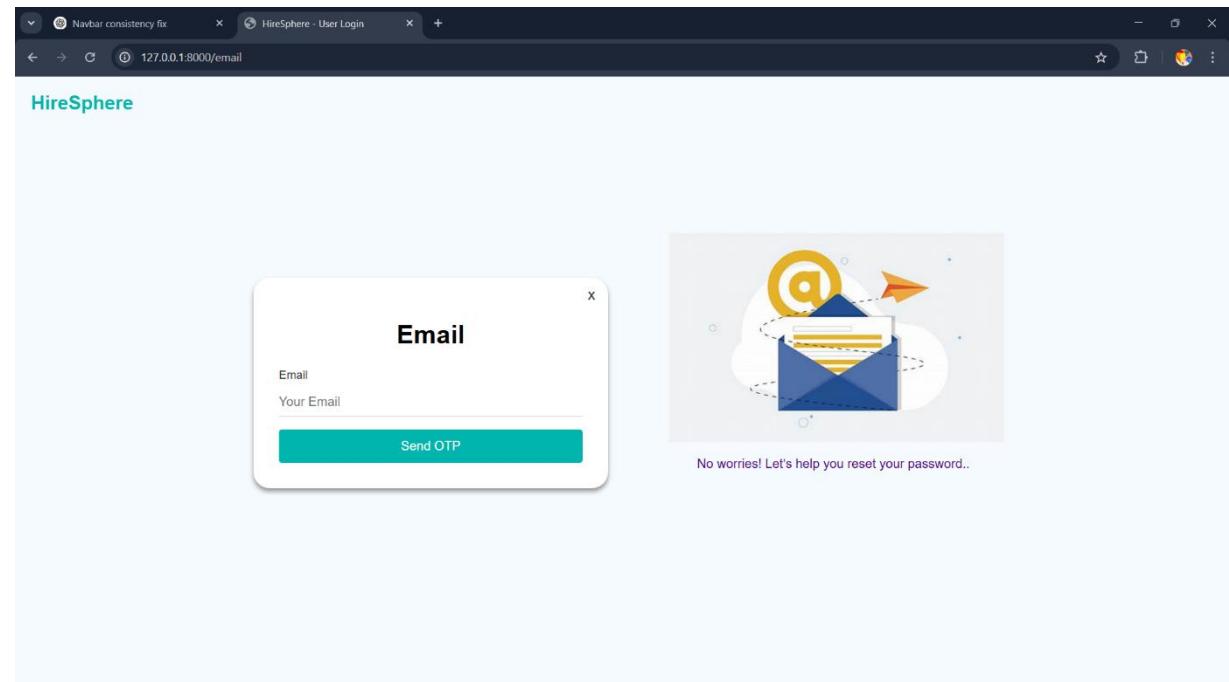
Company Register:-

The screenshot shows a web browser window titled "HireSphere" at the URL "127.0.0.1:8000/company_register". The page features a large, colorful illustration of a person working on a laptop, surrounded by various digital icons like social media, data, and connectivity symbols. To the right of the illustration is a registration form titled "Register as Company". The form includes fields for "Name" (placeholder "Your name"), "Email" (placeholder "Your Email"), "Password" (placeholder "*****"), and "Mobile" (placeholder "Phone number"). Below these fields are two text input fields, both containing the placeholder "gstno". A checkbox at the bottom left of the form is followed by the text "I agree to all statements in [Terms of service](#)". A large teal "Register" button is at the bottom center. Below the button is a link "Already a member? [Log in](#)". The top of the browser window shows a tab labeled "Navbar consistency fix" and a status bar indicating the URL.

Login :-



Forgot password page :-



User screen layout

Jobs according to category :-

The screenshot shows a job search interface titled "HireSphere". At the top, there are navigation links for "Home", "Jobs Applied", and "Notifications", along with a "Menu" button. Below the header, there are three job listings in separate cards:

- doctor**: A doctor icon. Description: "Seeking a compassionate and skilled Doctor to provide exceptional patient care and medical expertise." Call-to-action: "SEE JOBS".
- chef**: A chef icon. Description: "We're looking for a creative and passionate Chef to lead our kitchen and craft unforgettable dining experiences." Call-to-action: "SEE JOBS".
- networkng**: A networking icon. Description: "Seeking a skilled Networking Professional to design, manage, and secure our IT infrastructure." Call-to-action: "SEE JOBS".

At the bottom of the page, a teal footer bar contains the text "© 2025 Job Search. All rights reserved."

Profile page:-

The screenshot shows a user profile edit screen for "HireSphere". On the left, there is a placeholder for a profile picture with a "Choose File" button and a message "No fil...osen". Below it, the user's name is listed as "shubham" and their email as "shubham@gmail.com". Under "Resume:", there is a "Choose File" button and a message "No fil...osen". On the right, there is a card containing the following profile details:

Phone Number	8541325468
Gender:	male
Address	sddasf4dg5f
Skills	None
Social Links	None

At the bottom right of the card is a "UPDATE" button.

Job Application form:-

The screenshot shows a web browser window with a job application form. The title bar reads "HireSphere" and the address bar shows "127.0.0.1:8000/job_apply/50/". The main content area is titled "Apply for physiotherapist". A red banner at the top states "You have already applied for this job". Below this, there are input fields for "Company Name" (cp) and "Company Email" (cpz@gmail.com). There is also a field for "Your Name" (new). Further down, fields for "Your Email" (user@gmail.com) and "Phone No." (9562355555) are present. A "Cover Letter" section contains a text area with placeholder text: "Explain why you're a great fit for this job...". Below this, there is a "User Resume" section with a "View Resume" link. Under "LinkedIn Profile (Optional)", there is a field containing a URL: "https://linkedin.com/in/yourprofile". In the "Portfolio/Website (Optional)" section, there is a field containing a URL: "https://yourportfolio.com". Fields for "Expected Salary" (Enter amount in INR) and "Notice Period" (Immediate) are shown. A "Available for Interview On" field displays "dd-mm-YYYY". At the bottom right is a green "Submit Application" button.

Company screen layout

Company verification Form :-

Company Verification

Basic Company Information

Company Name	Registration Number
techno pvt	Registration Number
Business Type	Industry Type

Contact Details

Company Email	Company Phone Number
techno@gmail.com	2146879846
Company Website	https://
Company Address	Street Address, Area, etc.

City	State	Country
City	State	Country

Additional Information

Number of Employees	Year of Establishment
Number of Employees	Year

Company Description

Describe your company

LinkedIn Profile

LinkedIn URL

I agree to the terms, conditions, and policies

Register Now

Job Applicant :-

The screenshot shows a browser window for 'HireSphere' at the URL 127.0.0.1:8000/job_applicants/. The top navigation bar includes links for Home, Job Applicants, Notifications, Our Job Post, Post Job, Post Tender, Show Tender, and a green 'Menu' button. A central callout box displays a message: 'Job Applicants' with a small profile icon, followed by 'new applied for physiotherapist'. Below this, it says 'Expected Salary: ₹None | Notice Period: Immediate' and the date 'April 17, 2025 10:28 AM'. A green 'Verify Details' button is located in the bottom right corner of the callout.

Verify Applicant :-

❖ Applicant Details

Name: new
Email: user@gmail.com
Location: Shyf
Expected Salary: ₹None
Cover Letter: Not Provided
LinkedIn: N/A
Resume: Not Uploaded

Setup Interview
Applicant didn't provide an interview date.

Select Custom Date

dd-mm-yyyy --::--

Post Job :-

HireSphere

Home Job Applicants Notifications Our Job Post Post Job Post Tender Show Tender Menu

Post Your Job

Job Details:

job is created by : cp
Job Title:

Job Description:

Categories: Job Type:

Salary:

Skill & Experience:

Skills:

Qualifications: Experience:

Industry:

Address:

Address:

Vacancy:

Post Now

Posted jobs by company :-

The screenshot shows a web browser displaying the 'HireSphere' platform. The top navigation bar includes links for Home, Job Applicants, Notifications, Our Job Post, Post Job, Post Tender, Show Tender, and a 'Menu' button. Below the navigation, there are two job listings:

- physiotherapist**: Specializes in rehabilitation and physical therapy to restore movement and reduce pain in patients. Full-Time 35000 ahemdabad 1 phd. Verified, 4.8 stars.
- social media handling**: Manages and grows brand presence across social platforms through content, engagement, and strategy. Full-Time 15000 delhi 1 new. Verified, 4.8 stars.

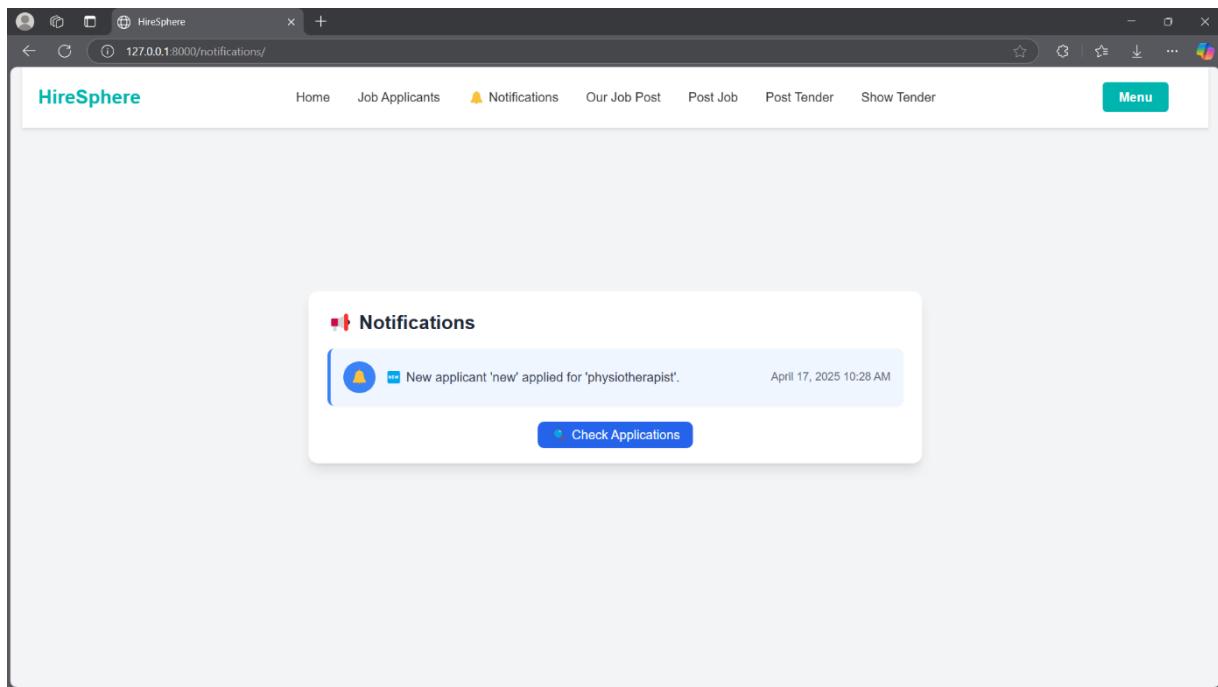
Tender list:-

The screenshot shows a web browser displaying the 'HireSphere' platform. The top navigation bar includes links for Home, Job Applicants, Notifications, Our Job Post, Post Job, Post Tender, Show Tender, and a 'Menu' button. Below the navigation, the page title is 'All Tender Listings'. There are two tender listings:

- web dev**: Design and development of a responsive, user-friendly website with dynamic functionality tailored to business requirements and brand identity. Location: jammu, Industry: it, Type: Open, Eligibility: need of the website. Contact: jay, Email: jay@gmail.com, Phone: 4563289710. Deadline: April 17, 2025. ₹45000.00. You posted this.
- ai project**: Development of an AI-based solution for intelligent data analysis, automation, and predictive insights tailored to [industry/use case]. Location: ahemdabad, Industry: it, Type: Open, Eligibility: highly experienced team req. Contact: ayush, Email: yash@gmail.com, Phone: 1459862380. Deadline: April 17, 2025. ₹45000.00. Apply.

At the bottom, there are buttons for 'View Your Tenders' and 'View All Tenders'.

Company notification :-



Admin screen layout

Admin Home page :-

A screenshot of a web browser displaying the 'Admin Home Page'. The URL in the address bar is '127.0.0.1:8000/login#'. On the left, a dark sidebar titled 'Admin Panel' contains a 'Dashboard' button and links for 'Companies', 'Users', and 'Logout'. The main content area is titled 'Admin Home Page' and features three cards: 'Companies' (Manage and verify registered companies, 'View Companies' button), 'Users' (Manage and oversee registered users, 'View Users' button), and 'Categories' (Manage categories, 'View Companies' button).

Company list :-

The screenshot shows a web browser window titled "Admin Navigationbar" with the URL "127.0.0.1:8000/admin_cpdetail". On the left, there is a dark sidebar with the title "Admin Panel" and four menu items: "Dashboard", "Companies", "Users", and "Logout". The main content area is titled "Company List" and contains a table with the following data:

#	COMPANY NAME	EMAIL	VERIFICATION STATUS	COMPANY STATUS	ACTION
1	kl	kl@gmail.com	Pending	Unverified	View Info
2	new	new@gmail.com	Pending	Unverified	View Info
3	cp	cpz@gmail.com	✓ Verified	Verified	View Info

User list :-

The screenshot shows a web browser window titled "Admin Navigationbar" with the URL "127.0.0.1:8000/admin_userdetail". On the left, there is a dark sidebar with the title "Admin Panel" and four menu items: "Dashboard", "Companies", "Users", and "Logout". The main content area is titled "User List" and contains a table with the following data:

NAME	EMAIL	CONTACT	GENDER
new	user@gmail.com	9562355555	male
user	user2@gmail.com	8965237894	male
kp	kp@gmail.com	8965237894	male

Category list:-

The screenshot shows a web-based admin interface titled "Admin Panel". On the left, there is a sidebar with navigation links: "Dashboard", "Companies", "Users", and "Logout". The main content area is titled "User List" and contains a table with four columns: NAME, EMAIL, CONTACT, and GENDER. The table has three rows of data:

NAME	EMAIL	CONTACT	GENDER
new	user@gmail.com	9562355555	male
user	user2@gmail.com	8965237894	male
kp	kp@gmail.com	8965237894	male

Company Verification page:-

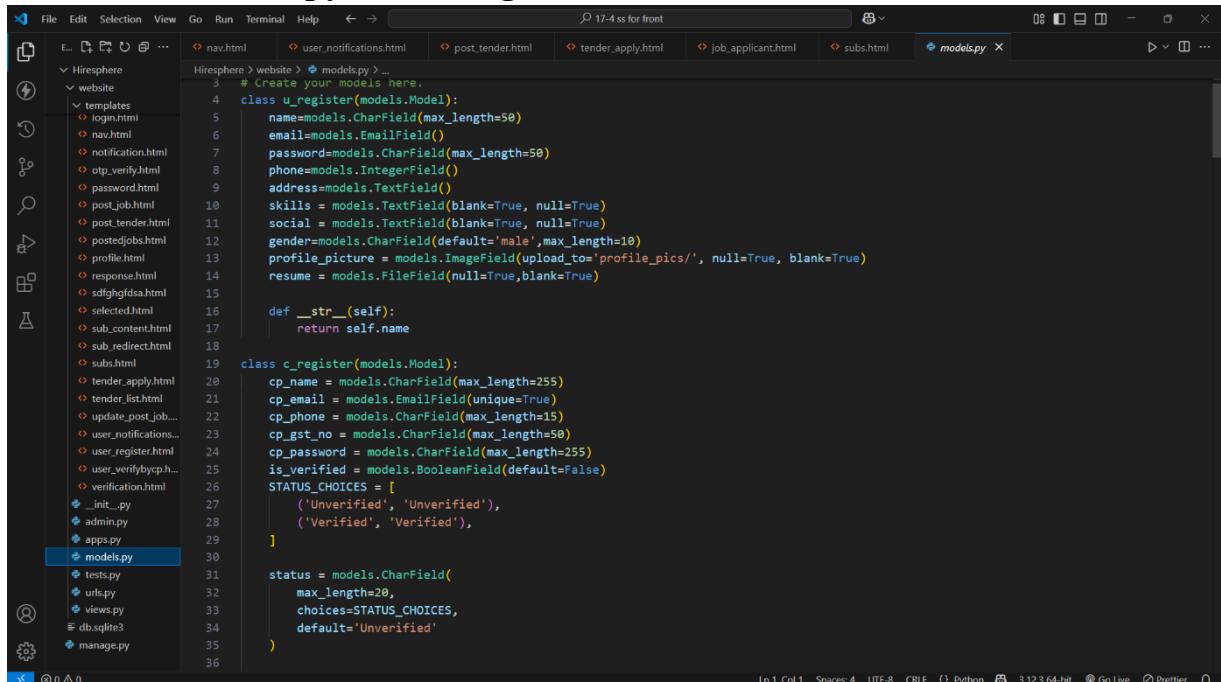
The screenshot shows a "Company Verification" form. At the top, it displays the company details: "Company Name: kl" and "Company Email: kl@gmail.com". Below this is a table with three columns: "Field Name", "Data", and "Status". The table lists various company-related fields with their corresponding values and status indicators. A "Save Verification" button is located at the bottom right of the form.

Field Name	Data	Status
Company Name	kl	<input type="checkbox"/>
Company Email	kl@gmail.com	<input type="checkbox"/>
Contact Number	1771717177	<input type="checkbox"/>
GST No.	iniyiy	<input type="checkbox"/>
Registration Number	efhiyu	<input type="checkbox"/>
Business Type	private	<input type="checkbox"/>
Industry Type	it	<input type="checkbox"/>
Website	http://127.0.0.1:8000/verification/	<input type="checkbox"/>
Company Address	7845457ewfui	<input type="checkbox"/>
City	tyguhij	<input type="checkbox"/>
State	efghjk	<input type="checkbox"/>
Country	India	<input type="checkbox"/>
Postal Code	8654321	<input type="checkbox"/>
Area Code	hug	<input type="checkbox"/>
Tax ID	iniyiy	<input type="checkbox"/>
Company PAN	7l	<input type="checkbox"/>
Registration Certificate	View Certificate	<input type="checkbox"/>
Company Logo	No Logo	<input type="checkbox"/>
Government ID	View ID	<input type="checkbox"/>
Representative Name	efwf	<input type="checkbox"/>
Representative Designation	er	<input type="checkbox"/>
Representative Phone	08965237894	<input type="checkbox"/>
Representative Email	wah@gmail.com	<input type="checkbox"/>
Number of Employees	4	<input type="checkbox"/>
Year of Establishment	5	<input type="checkbox"/>
Company Description	j	<input type="checkbox"/>
LinkedIn Profile	http://127.0.0.1:8000/verification/	<input type="checkbox"/>

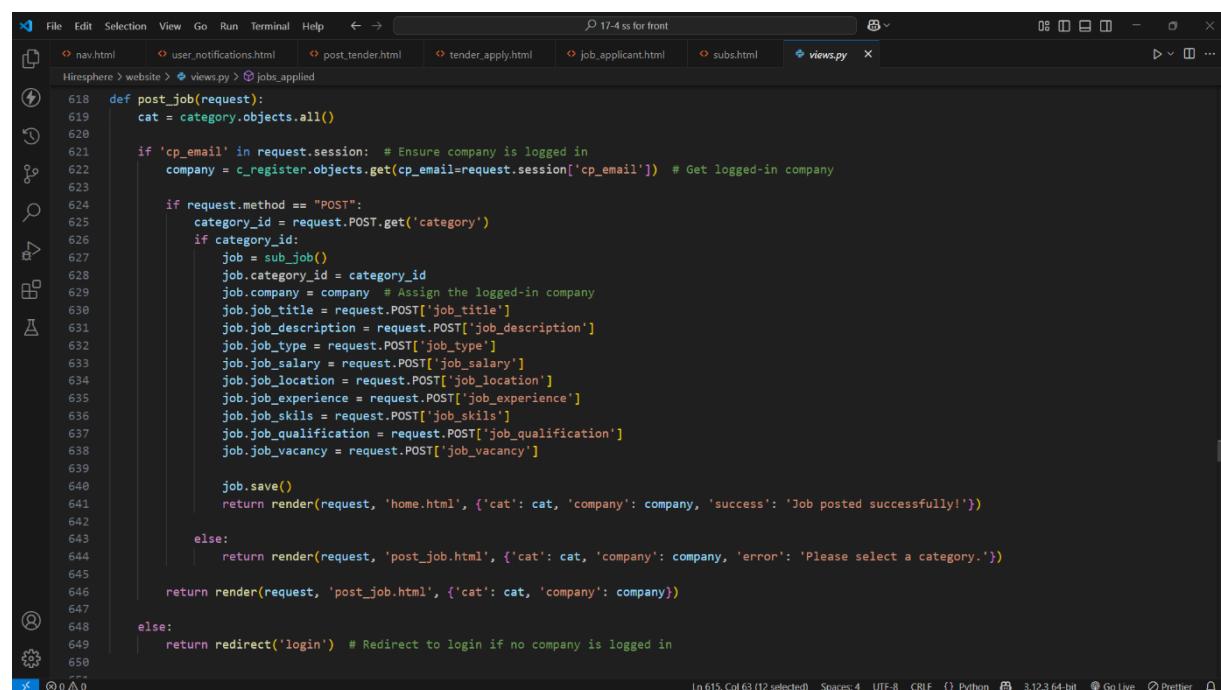
[Save Verification](#)

Sample Coding

Module and views.py file coding :-



```
File Edit Selection View Go Run Terminal Help ← → 17-4 ss for front 06 □ □ □ ... File Edit Selection View Go Run Terminal Help ← → 17-4 ss for front 06 □ □ □ ...  
Hiresphere > website > models.py ...  
3 # Create your models here.  
4 class u_register(models.Model):  
    name=models.CharField(max_length=50)  
    email=models.EmailField()  
    password=models.CharField(max_length=50)  
    phone=models.IntegerField()  
    address=models.TextField()  
    skills = models.TextField(blank=True, null=True)  
    social = models.TextField(blank=True, null=True)  
    gender=models.CharField(default='male',max_length=10)  
    profile_picture = models.ImageField(upload_to='profile_pics/', null=True, blank=True)  
    resume = models.FileField(null=True,blank=True)  
  
    def __str__(self):  
        return self.name  
  
19 class c_register(models.Model):  
20     cp_name = models.CharField(max_length=255)  
21     cp_email = models.EmailField(unique=True)  
22     cp_phone = models.CharField(max_length=15)  
23     cp_gst_no = models.CharField(max_length=50)  
24     cp_password = models.CharField(max_length=255)  
25     is_verified = models.BooleanField(default=False)  
26     STATUS_CHOICES = [  
27         ('Unverified', 'Unverified'),  
28         ('Verified', 'Verified'),  
29     ]  
30     status = models.CharField(  
31         max_length=20,  
32         choices=STATUS_CHOICES,  
33         default='Unverified'  
34     )  
35  
36  
In 1, Col 1 Spaces: 4 UTF-8 CRLF ⚙ Python 3.12.3 64-bit ⚙ Go Live ⚙ Prettier
```



```
File Edit Selection View Go Run Terminal Help ← → 17-4 ss for front 06 □ □ □ ... File Edit Selection View Go Run Terminal Help ← → 17-4 ss for front 06 □ □ □ ...  
Hiresphere > website > views.py ...  
618 def post_job(request):  
619     cat = category.objects.all()  
620  
621     if 'cp_email' in request.session: # Ensure company is logged in  
622         company = c_register.objects.get(cp_email=request.session['cp_email']) # Get logged-in company  
623  
624     if request.method == "POST":  
625         category_id = request.POST.get('category')  
626         if category_id:  
627             job = sub_job()  
628             job.category_id = category_id  
629             job.company = company # Assign the logged-in company  
630             job.job_title = request.POST['job_title']  
631             job.job_description = request.POST['job_description']  
632             job.job_type = request.POST['job_type']  
633             job.job_salary = request.POST['job_salary']  
634             job.job_location = request.POST['job_location']  
635             job.job_experience = request.POST['job_experience']  
636             job.job_skills = request.POST['job_skills']  
637             job.job_qualification = request.POST['job_qualification']  
638             job.job_vacancy = request.POST['job_vacancy']  
639  
640             job.save()  
641             return render(request, 'home.html', {'cat': cat, 'company': company, 'success': 'Job posted successfully!'}  
642  
643         else:  
644             return render(request, 'post_job.html', {'cat': cat, 'company': company, 'error': 'Please select a category.'})  
645  
646     return render(request, 'post_job.html', {'cat': cat, 'company': company})  
647  
648     else:  
649         return redirect('login') # Redirect to login if no company is logged in  
650  
In 615, Col 63 (12 selected) Spaces: 4 UTF-8 CRLF ⚙ Python 3.12.3 64-bit ⚙ Go Live ⚙ Prettier
```

Data base Tables

1.company_regi table

The screenshot shows the DB Browser for SQLite interface with the 'company_regi' table selected. The table has columns: id, cp_name, cp_email, cp_phone, cp_gst_no, cp_password, is_verified, and status. The data shows five entries with varying details like email, phone number, and password hash.

	id	cp_name	cp_email	cp_phone	cp_gst_no	cp_password	is_verified	status
1	14	kl	kl@gmail.com	1771717177	iniyyi	pbkdf2_sha256\$720000\$J2BOh9e9s6...	0	New Company
2	15	new	new@gmail.com	5225525255	jj	pbkdf2_sha256\$720000\$FGyPf6FuN6...	0	New Company
3	27	cp	cpz@gmail.com	7896543218	dfcgvhbjn	pbkdf2_sha256\$720000\$bpAC6UTC...	0	Verified
4	38	techno pvt	techno@gmail.com	2146879846	gghjkl;	pbkdf2_sha256\$720000\$paGh9LRrQ...	0	Unverified
5	39	ayan pvt	ayancp@gmail.com	4124546513	fghbj421	pbkdf2_sha256\$720000\$a63RkTaspi...	0	Unverified

2.categories

The screenshot shows the DB Browser for SQLite interface with the 'categories' table selected. The table has columns: id, category_name, category_description, job_type, and image. The data shows three entries with descriptions and corresponding image URLs.

	id	category_name	category_description	job_type	image
1	9	doctor	Seeking a compassionate and skilled ...	Full-Time	images/nurs.png_i8XU4w3.jpg
2	10	shef	We're looking for a creative and ...	Full-Time	images/chef.png_xfTlO4F.jpg
3	11	networkng	Seeking a skilled Networking ...	Full-Time	images/network_YFLSpB1.png

3.posted jobs

The screenshot shows the DB Browser for SQLite interface with the 'website_sub_job' table selected. The table has columns: id, job_title, job_description, job_type, job_salary, job_location, job_skills, job_experience, job_qualification, job_vacancy, job_apply, category_id, and company_id. The data shows four job listings with their respective details.

	id	job_title	job_description	job_type	job_salary	job_location	job_skills	job_experience	job_qualification	job_vacancy	job_apply	category_id	company_id
1	50	physiotherapist	Physiotherapist – Specializes in ...	Full-Time	35000 ahemdabad	communication ,customer relations	1 phd		1 55		9	27	
2	51	home shef	Chef – Expert in preparing, cooking, ...	Full-Time	30000 mumbai	experts		1 highly qualified	5 new	10	15		
3	52	social media handling	Social Media Handler – Manages and ...	Full-Time	15000 delhi	knoladge of media	1 new		1 new	11	27		
4	53	new jobs for students	ghjk;	freelancer	1 india	expert		1 18 years		120	9	27	

Future Enhancement

What's Coming Next – The Future of Your Career, Simplified

We're building more than just a job portal — we're creating your personalized career companion. Here's a sneak peek into features we're rolling out soon to empower every candidate to grow, learn, and get hired smarter:

Smart Resume Highlighting

Stand out to top recruiters effortlessly. Our AI-enhanced resume builder will auto-optimize your profile based on job roles, trending skills, and recruiter preferences.

Skill Tests & Verified Certifications

Boost your credibility with built-in assessments. Whether you're into coding, design, marketing, or medicine — earn skill badges that recruiters trust.

Personal To-Do & Smart Notes

Manage your applications, follow-ups, learning goals, and interview prep in one place. Stay focused and organized with personalized reminders.

Integrated Learning & Research Hub

Books, courses, Wikipedia, YouTube explainers — all curated and categorized for your career path. Whether you're studying for an exam or brushing up before an interview, your digital study buddy is ready.



Interview Scheduler & Calendar Sync

Never miss an opportunity. With automatic calendar integration, you'll receive alerts, prep tips, and reminders for every interview, test, or deadline.



Personal Study & Progress Dashboard

Visualize your goals, track your learning curve, and see how your skills stack up in your chosen field — whether you're a student or a

Conclusion

Online job portals make it easy for job seekers to find jobs and for employers to find candidates quickly. They save time and money by offering a centralized platform for job postings and applications. With features like job matching, they help connect the right candidates with the right roles. These portals also allow access to opportunities globally, breaking location barriers. As technology improves, they continue to add new features like video interviews and skill assessments, making the job search process more efficient.

Bibliography

- <https://www.w3schools.com/>
- <https://www.google.com/>
- <https://app.diagrams.net>

THANK YOU