



**VIT<sup>®</sup>**  
**Vellore Institute of Technology**  
(Deemed to be University under section 3 of UGC Act, 1956)

## **ITE 1008 – OPEN SOURCE PROGRAMMING**

**Faculty Name – Jayakumar S**

### **REVIEW - 1**

## **CAMPUS RECRUITMENT MANAGEMENT SYSTEM**

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- Process Flow Diagram
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## ABSTRACT:-

The project named “Campus Recruitment Management System”, is a student/company information system which is a web-based system. The project is developed for Placement cell being presently used in University for storing and retrieving the information of students who are registered in Placement Cell. The Placement Cell maintains a large database of students wherein all the information of students including personal records and the academic performance in terms C.P.I. is stored and company information including profile of company, eligibility criteria and facilities it provides etc. The software retrieves this data and displays as per the user requirement.

The Placement Management System is developed as an attempt to take a record of company and students by restricting such a large database to that of a particular class of students or company. The system provides the facility of viewing both the personal and academic information of the student and company. Company can post vacancy and students can apply if they are eligible. Company can view the applications and can accept or reject them.

The users access easily to this and the data can be retrieved easily in no time.



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## Tools Used:

Front-End: HTML, CSS, JavaScript , JQuery


Back-End: PHP

Database: MySQL

Software Stack: XAMPP

## Problem Statement

This project is aimed at developing an online application for the placement department of the college. The system handles student as well as company data and efficiently displays all this data to respective sides. This System do all work regarding placement like collecting student records, Authenticate & activate the student profiles, check the number and percentage of placed & unplaced students. Proper login with time & role based secured access is provided to Admin, Company, Alumni and students. Students logging should be able to upload their information in the form of a Resume. Admin can access, view information of the users and prepare schedule of all activities regarding placements. Company can give their own application procedure by providing link and can view all students that have applied for vacancies, together with information on



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their availability, application time, cover letters, attached resume etc. College staff can see the registered students and their status. The proposed Online Placement system is intended to avoid all the drawbacks of existing system and is a cost effective way of doing the manual processes done in the existing system.


### Modules:

#### Student login:

In the student login there will be a section to view, change or update his/her portfolio anytime. Students can anytime view the alumni portfolio, their experiences, reviews and can also interact with them anytime to clear their doubts. And they can also view the companies which posted the jobs, number of vacancies available in a particular company.

#### Admin:

Admin will have the total control of the website to alter or add new features to the website anytime, The admin will be able to check each student details and can remove faulty accounts or any spammers. Admin will also be able to view the total number of companies, students and alumni registered respectively.



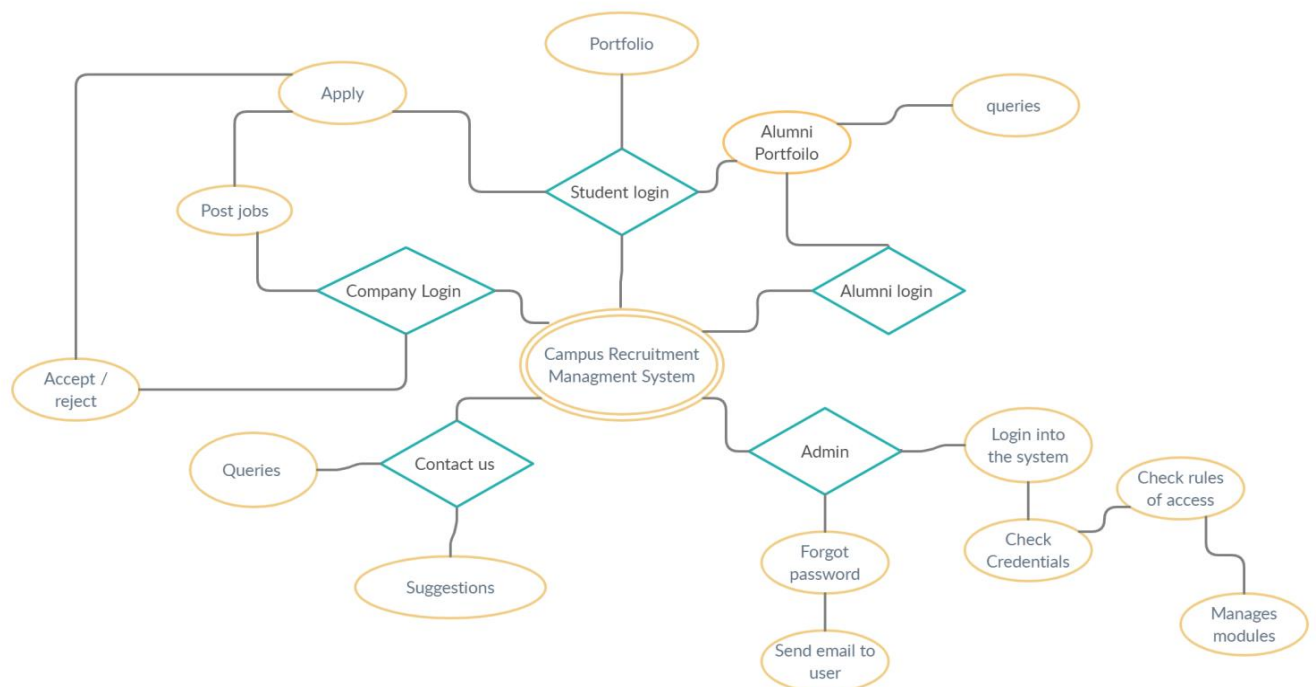
## Company login:

Companies can view the profiles of the people who applied for jobs so as to recruit as per their requirements and also post jobs if any vacancy is available in their company. Company can view all students detail and system can shortlist students according to their criteria instead of doing manually. It can also view the total applications received.

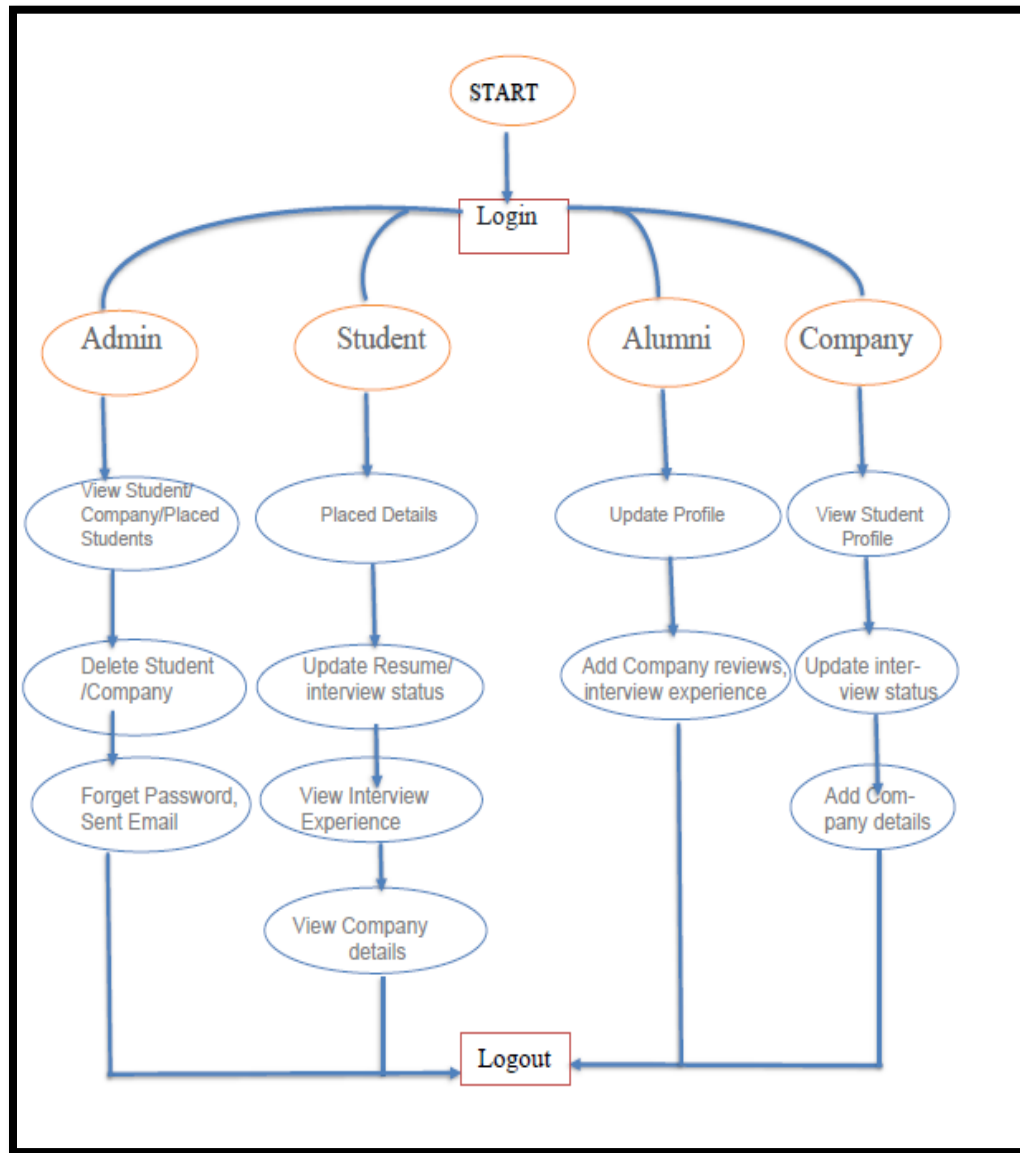
## Contact Us:

A contact us form to submit any suggestions or complaints regarding the website.

## ER Diagram:-



## Process Flow Diagram



## DATABASE DETAILS

The screenshot shows the phpMyAdmin interface for a database named 'ospforms'. The left sidebar shows the database structure, including 'ospforms' and its tables: 'admin', 'contactform', 'cusers', 'profiledetails', 'users', 'password', 'performance\_schema', 'phpmyadmin', 'puneetha', 'resume', 'resumedetails', and 'test'. The main area displays the structure of four tables:

**ADMIN LOGIN TABLE**

#	Name	Type	Collation	Attributes	Null	Default
1	AID	int(11)			No	None
2	ANAME	text	utf8mb4_general_ci		No	None
3	AEID	text	utf8mb4_general_ci		No	None
4	APASS	text	utf8mb4_general_ci		No	None
5	APH	text	utf8mb4_general_ci		No	None

**CONTACT FORM**

#	Name	Type	Collation	Attributes	Null	Default
1	CID	int(11)			No	None
2	FNAME	text	utf8mb4_general_ci		No	None
3	LNAME	text	utf8mb4_general_ci		No	None
4	EID	text	utf8mb4_general_ci		No	None
5	PHNO	text	utf8mb4_general_ci		No	None

**CUSERS TABLE (company)**

#	Name	Type	Collation	Attributes	Null	Default
1	CID	int(11)			No	None
2	CNAME	text	utf8mb4_general_ci		No	None
3	CEID	text	utf8mb4_general_ci		No	None
4	CPASS	text	utf8mb4_general_ci		No	None
5	CPH	text	utf8mb4_general_ci		No	None

**USERS TABLE**

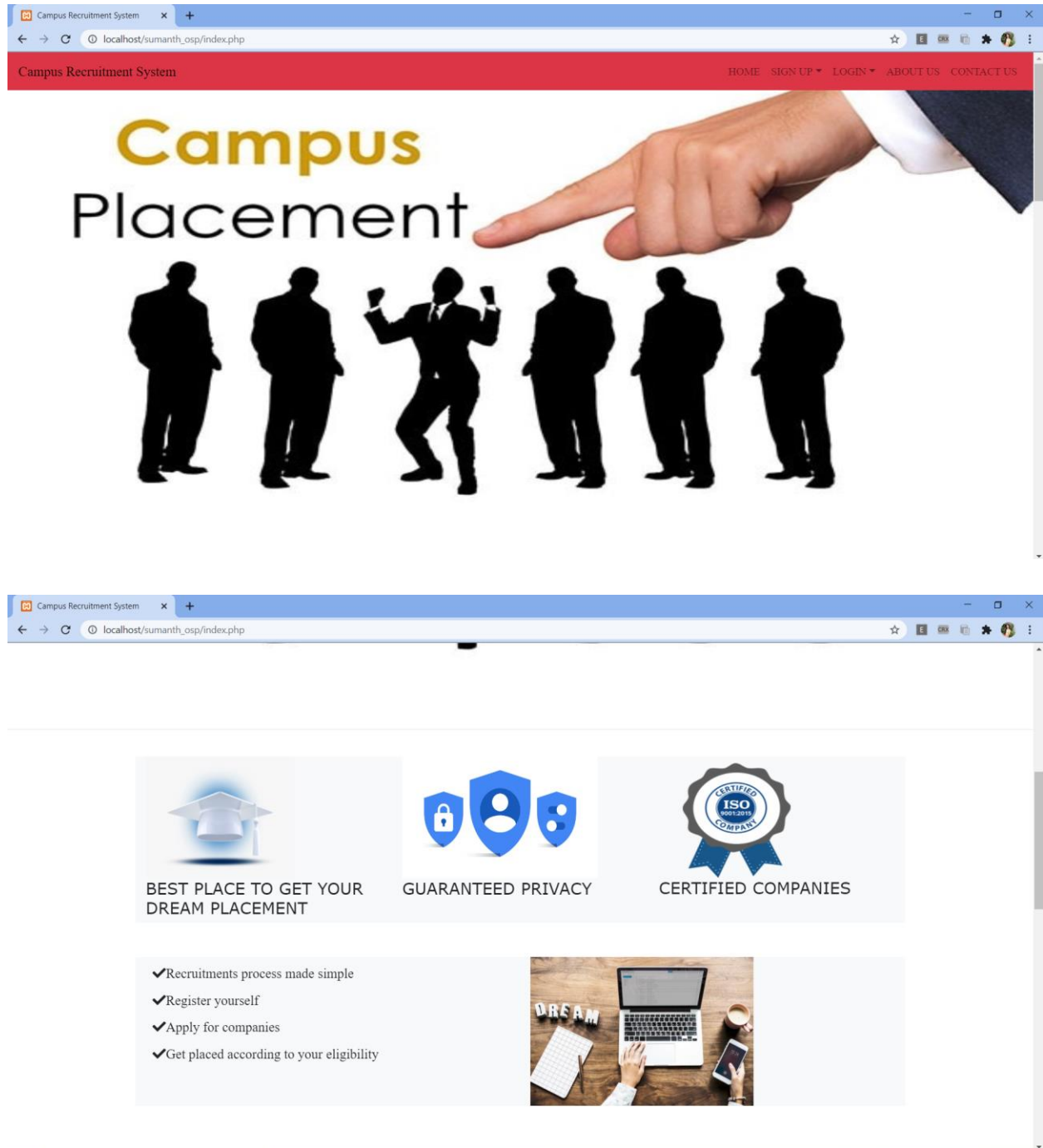
#	Name	Type	Collation	Attributes	Null	Default
1	NAME	text	utf8mb4_general_ci		No	None
2	EMAIL	text	utf8mb4_general_ci		No	None
3	PASSWORD	text	utf8mb4_general_ci		No	None
4	PHONE	text	utf8mb4_general_ci		No	None
5	ID	int(11)			No	None

**PROFILE DETAILS**

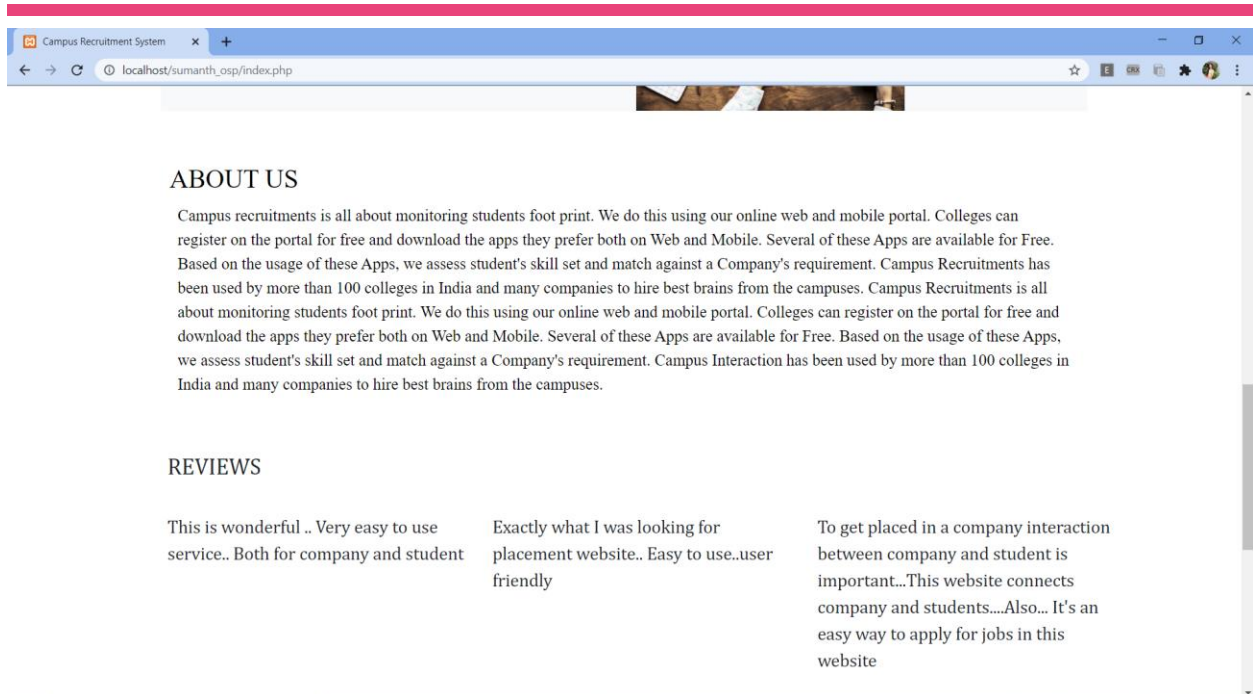
#	Name	Type	Collation	Attributes	Null	Default
1	SID	int(11)			No	None
2	SNAME	text	utf8mb4_general_ci		No	None
3	SEID	text	utf8mb4_general_ci		No	None
4	SPH	text	utf8mb4_general_ci		No	None
5	SSK	text	utf8mb4_general_ci		No	None
6	SPR	text	utf8mb4_general_ci		No	None

In our database we have created five tables. They are admin table, contactform table, cusers table, users table, profiledetails table. Admin table contains attributes as id, name, email id, password, phone number so that while admin logs in successfully. Contact form table contain id, name, email id, phonenumber as attributes where if a person has any doubt they can contact us. Cusers table contain id, name, email id, password, phonenumber so that company which can register in signup page where this database stores the values so thereafter company can login successfully. Users table contain id, name, email id, password, phonenumber so that company which can register in signup page where this database stores the values so thereafter company can logs in successfully. Profile details contain id, name, email\_id, phone number, skills required and projects so that he can submit his profile for jobs

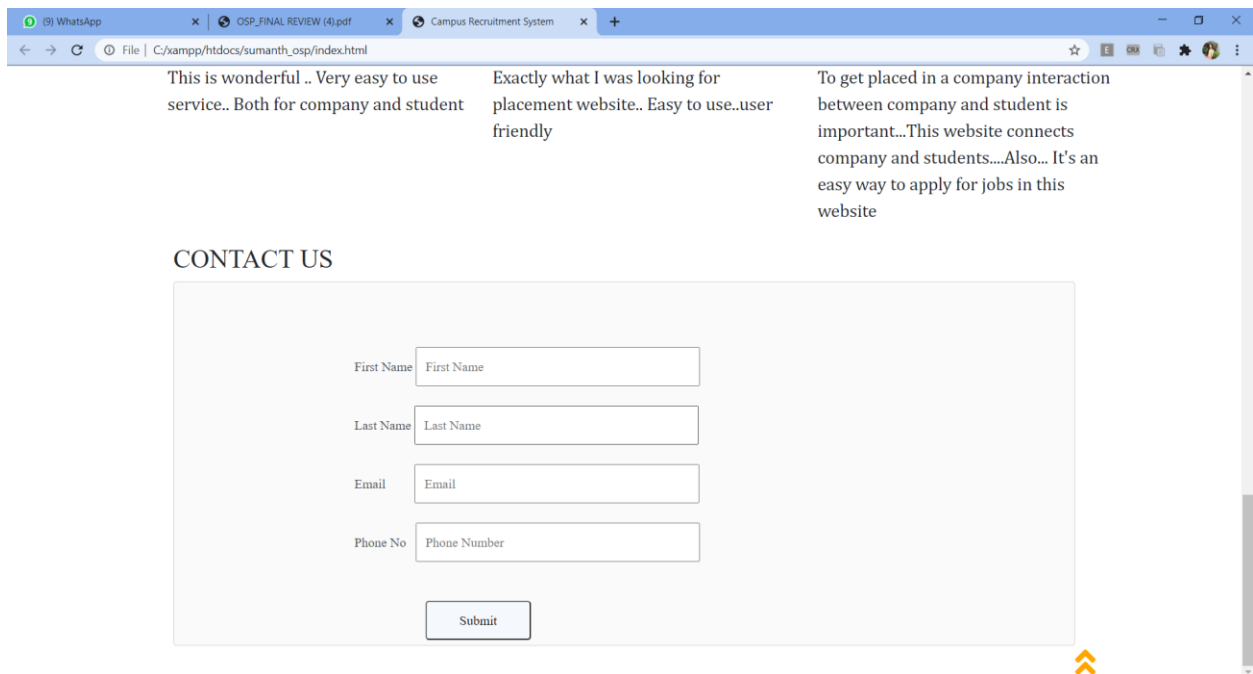
# HOMEPAGE





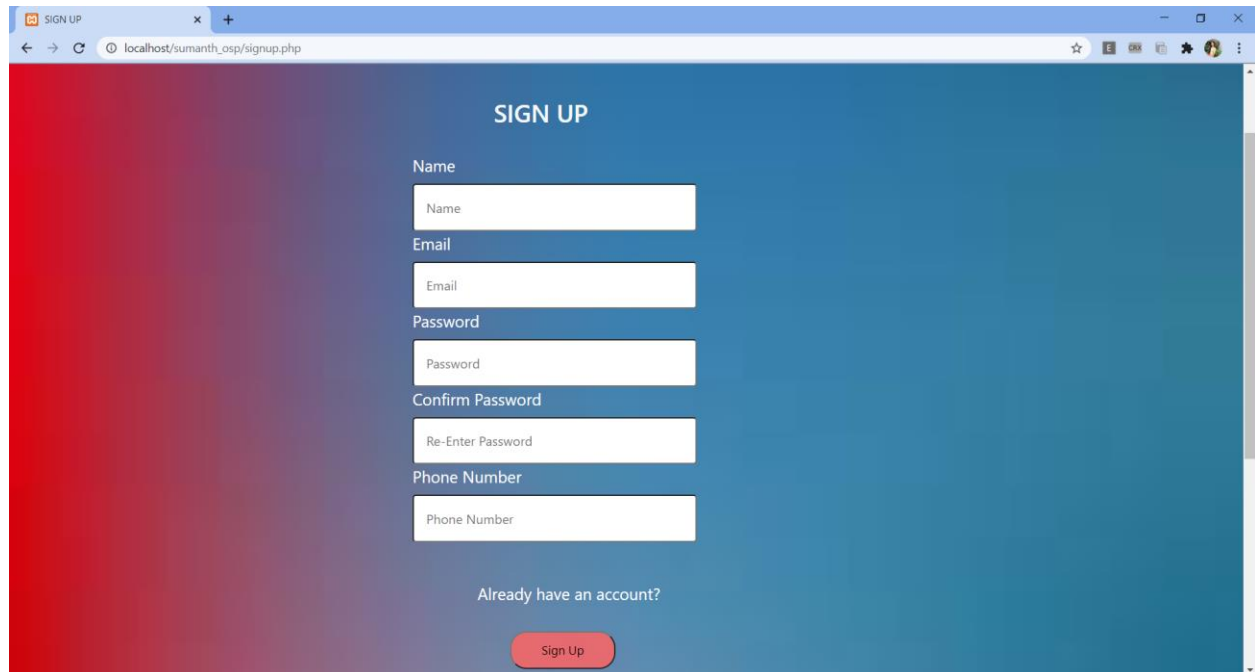


## CONTACT US FORM IN HOMEPAGE



If a person has any queries regarding this usage or any other issue facing by them they can contact us through this contact form so that we can sort out their issues.

## STUDENT SIGN UP PAGE



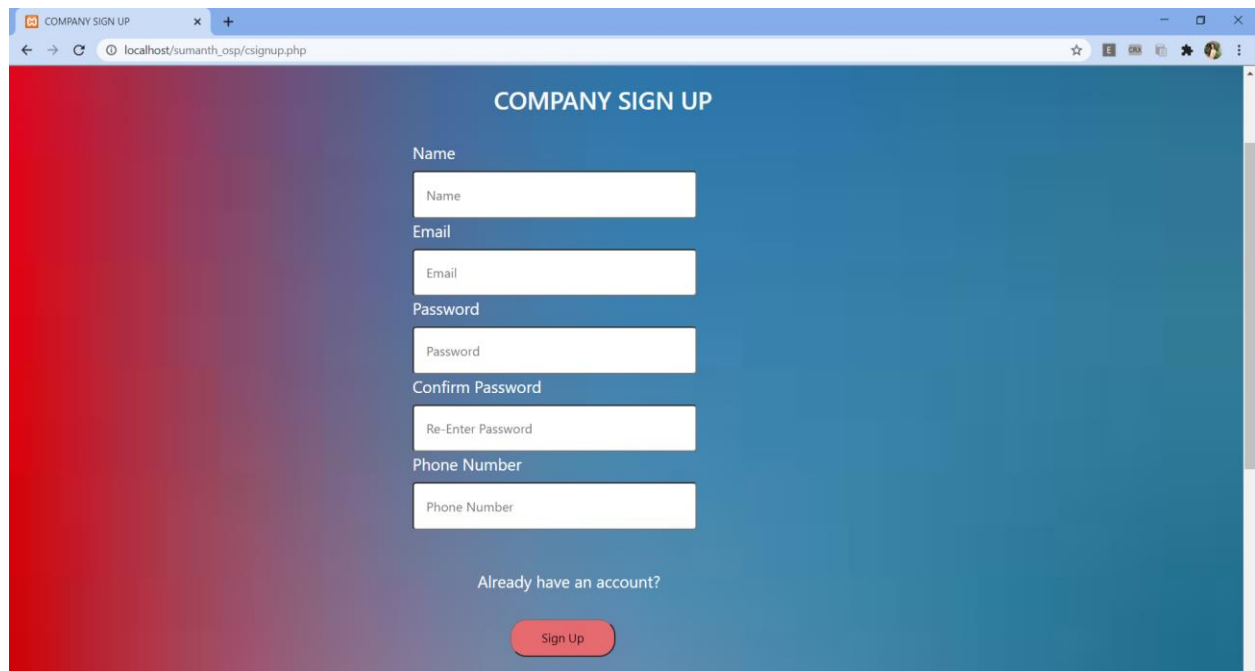
The screenshot shows a web browser window with the address bar displaying 'localhost/sumanth\_osp/signup.php'. The page title is 'SIGN UP'. The form is centered on a blue background with a red gradient on the left. It contains the following fields and labels:

- Name:
- Email:
- Password:
- Confirm Password:
- Phone Number:

Below the fields, there is a link 'Already have an account?' and a red 'Sign Up' button.

Students who haven't registered yet can register through this sign up page so that they can log into the website and apply for jobs.

## COMPANY SIGN UP PAGE



COMPANY SIGN UP

Name

Email

Password

Confirm Password

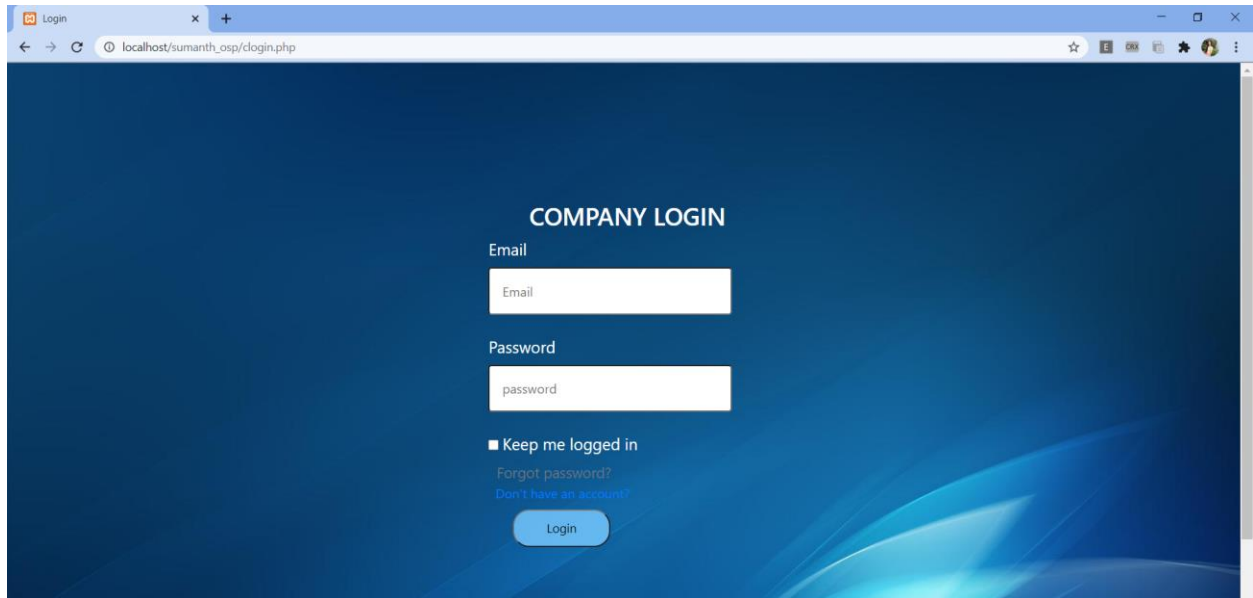
Phone Number

[Already have an account?](#)

[Sign Up](#)

Company who haven't registered yet can register through this sign up page so that they can log into the website.

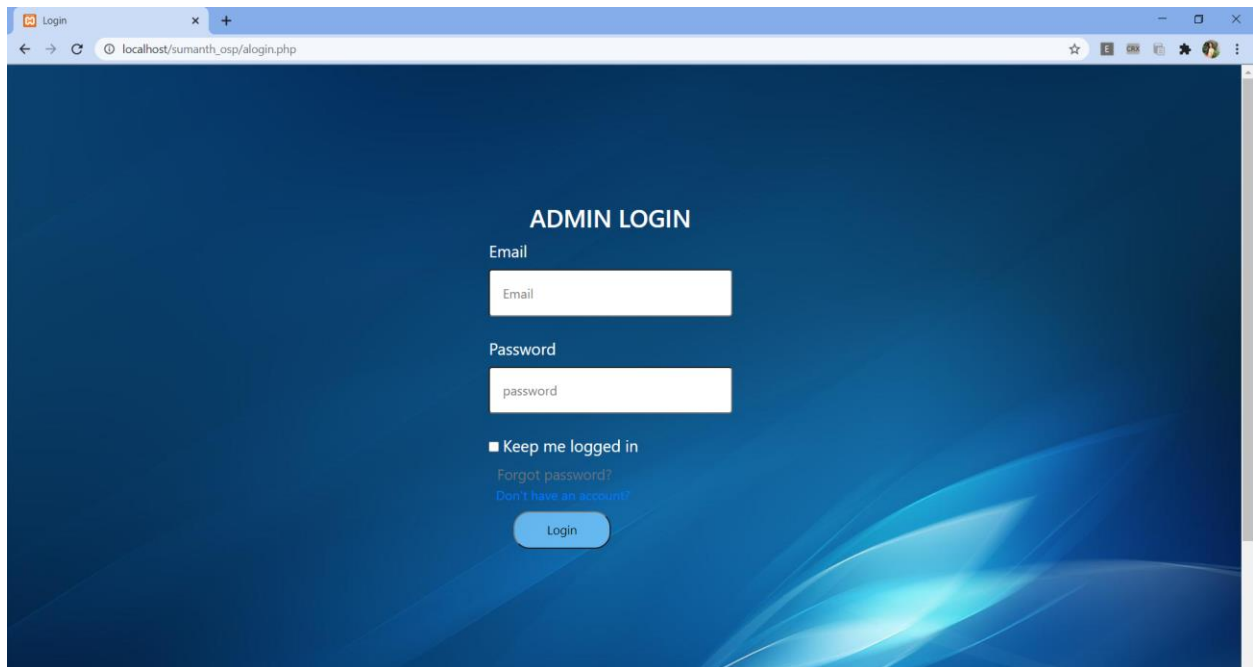
## COMPANY LOGIN PAGE



A screenshot of a web browser displaying the 'COMPANY LOGIN' page. The browser's address bar shows 'localhost/sumanth\_osp/dlogin.php'. The page has a dark blue background with a subtle wave pattern. The login form is centered and includes the following elements:

- COMPANY LOGIN**: The title of the login section.
- Email**: A label above a white text input field containing the placeholder text 'Email'.
- Password**: A label above a white text input field containing the placeholder text 'password'.
- ☐ **Keep me logged in**: A checkbox with the label 'Keep me logged in'.
- [Forgot password?](#): A blue link for password recovery.
- [Don't have an account?](#): A blue link for account creation.
- Login**: A blue button with white text to submit the login form.

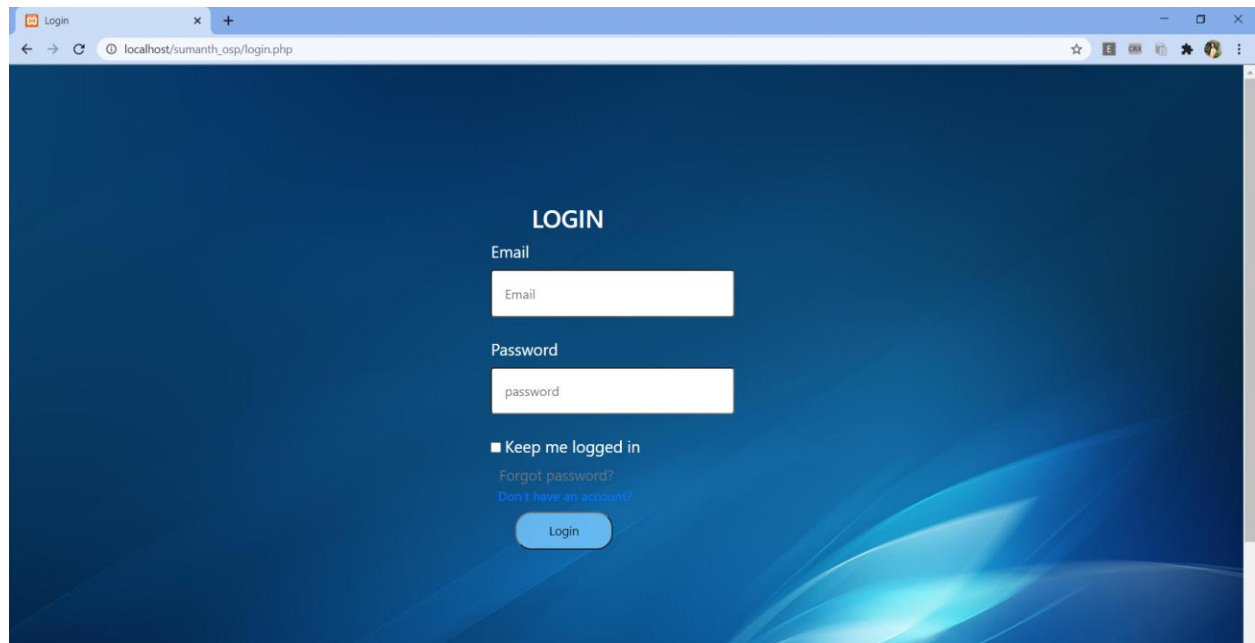
## ADMIN LOGIN PAGE



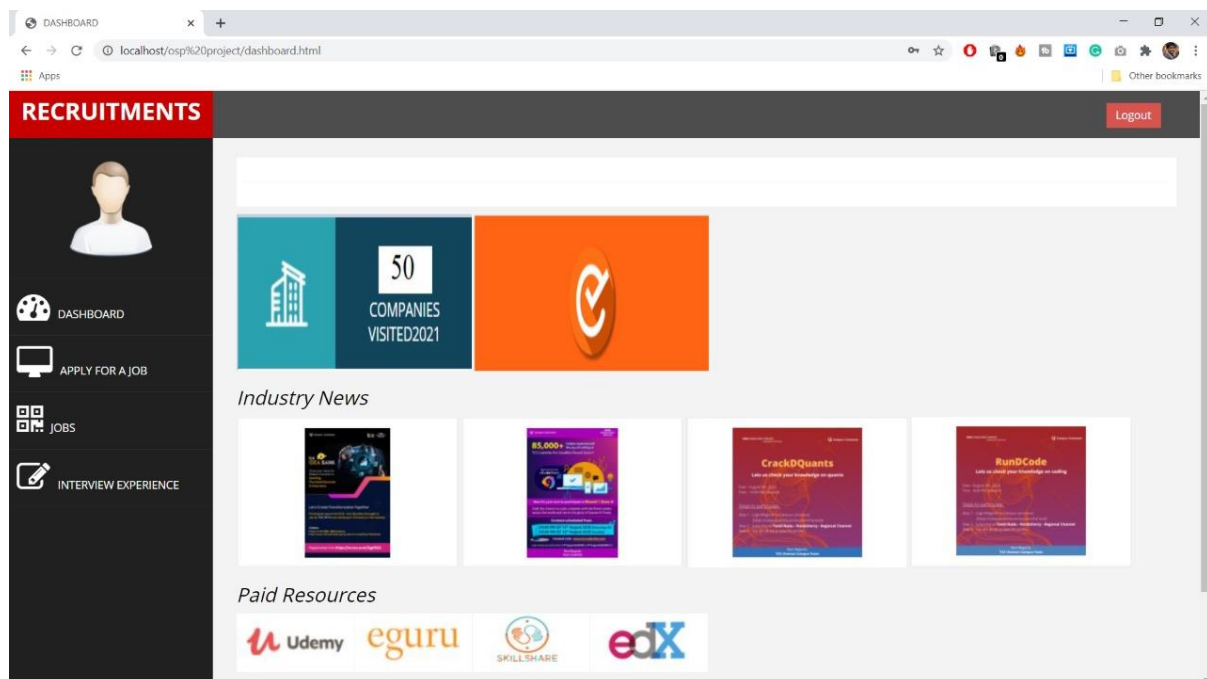
A screenshot of a web browser displaying the 'ADMIN LOGIN' page. The browser's address bar shows 'localhost/sumanth\_osp/alogin.php'. The page has a dark blue background with a subtle wave pattern. The login form is centered and includes the following elements:

- ADMIN LOGIN**: The title of the login section.
- Email**: A label above a white text input field containing the placeholder text 'Email'.
- Password**: A label above a white text input field containing the placeholder text 'password'.
- ☐ **Keep me logged in**: A checkbox with the label 'Keep me logged in'.
- [Forgot password?](#): A blue link for password recovery.
- [Don't have an account?](#): A blue link for account creation.
- Login**: A blue button with white text to submit the login form.

## STUDENT LOGIN PAGE

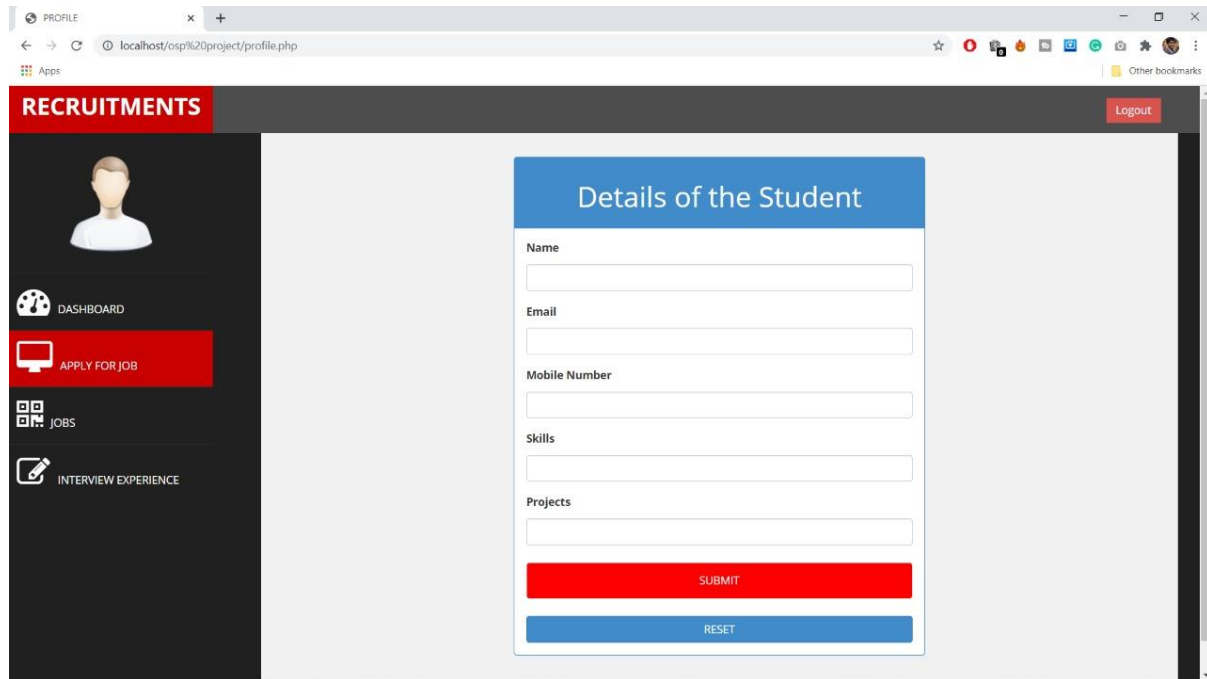


## STUDENT DASHBOARD



Here student can view the companies visited this website and apply for industry internships. Student can also learn concepts or practice tests from paid resources or free resources given in the dashboard.

## STUDENT – APPLY FOR JOB (DETAILS OF THE STUDENT)




The screenshot displays a web browser window with the URL `localhost/osp%20project/profile.php`. The page features a dark sidebar on the left with the title 'RECRUITMENTS' and a 'Logout' button in the top right corner. The sidebar contains a user profile icon and four menu items: 'DASHBOARD', 'APPLY FOR JOB' (highlighted in red), 'JOBS', and 'INTERVIEW EXPERIENCE'. The main content area is titled 'Details of the Student' and contains a form with the following fields: 'Name', 'Email', 'Mobile Number', 'Skills', and 'Projects'. Each field is represented by a text input box. At the bottom of the form are two buttons: a red 'SUBMIT' button and a blue 'RESET' button.

Student can submit his details here so that company views the details of the student and offer a job.

PROFILE x +

localhost/osp%20project/profile.php

Apps Other bookmarks



DASHBOARD

APPLY FOR JOB

JOBS

INTERVIEW EXPERIENCE

### Details of the Student

**Name**

Sumanth Raju

**Email**

sumanthrajuatchi@gmail.com

**Mobile Number**

8919240391

**Skills**

C,C++,JAVA,PYTHON,JAVASCRIPT

**Projects**

Campus recruitment system,Tasty bites


SUBMIT

RESET

PROFILE x +

localhost/osp%20project/profile.php

Apps Other bookmarks



DASHBOARD

APPLY FOR JOB

JOBS

INTERVIEW EXPERIENCE

### Details of the Student

**Name**

**Email**

**Mobile Number**

**Skills**

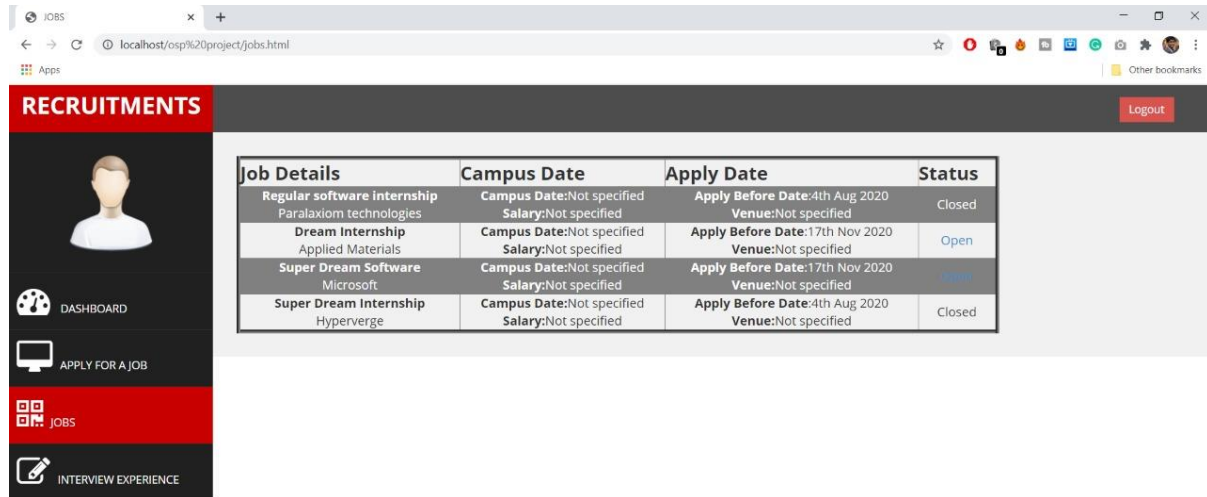
**Projects**

SUBMIT

RESET

Successfully submitted.

## STUDENT - JOBS



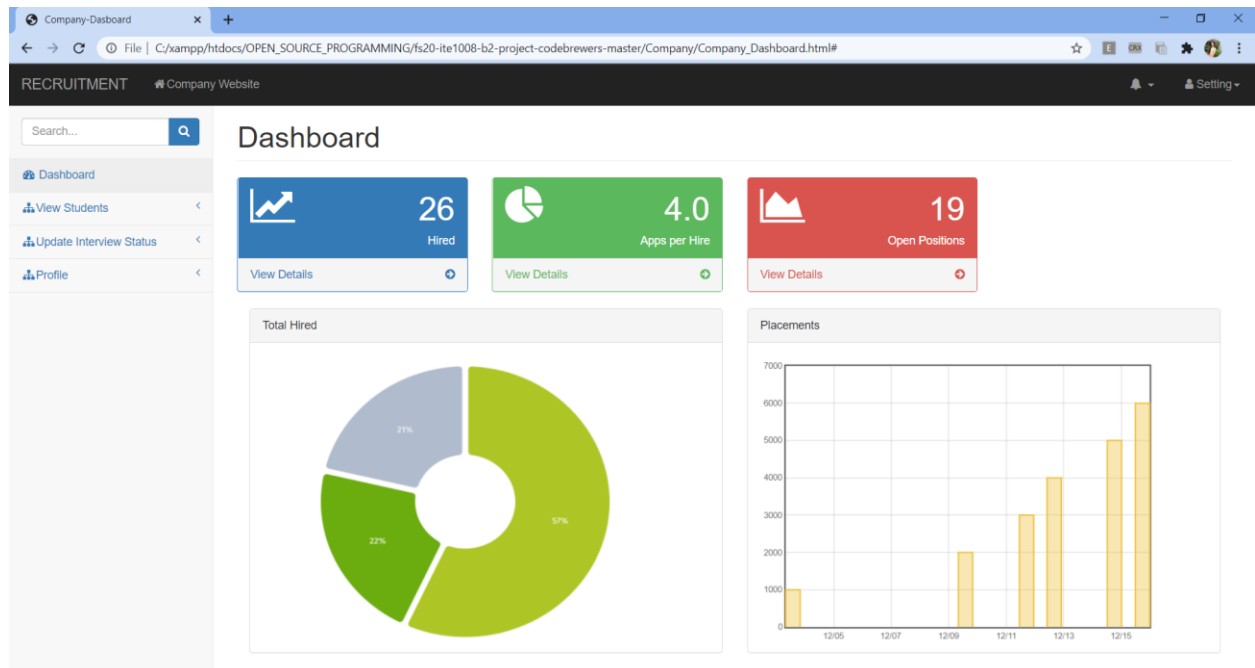
The screenshot shows a web application interface for students to view job listings. The page is titled "STUDENT - JOBS". The browser address bar shows "localhost/osp%20project/jobs.html". The application has a sidebar with a user profile icon and navigation links: "DASHBOARD", "APPLY FOR A JOB", "JOBS" (highlighted in red), and "INTERVIEW EXPERIENCE". The main content area is titled "RECRUITMENTS" and contains a table of job listings. The table has four columns: "Job Details", "Campus Date", "Apply Date", and "Status".

Job Details	Campus Date	Apply Date	Status
Regular software internship Paralaxiom technologies	Campus Date:Not specified Salary:Not specified	Apply Before Date:4th Aug 2020 Venue:Not specified	Closed
Dream Internship Applied Materials	Campus Date:Not specified Salary:Not specified	Apply Before Date:17th Nov 2020 Venue:Not specified	Open
Super Dream Software Microsoft	Campus Date:Not specified Salary:Not specified	Apply Before Date:17th Nov 2020 Venue:Not specified	Open
Super Dream Internship Hyperverge	Campus Date:Not specified Salary:Not specified	Apply Before Date:4th Aug 2020 Venue:Not specified	Closed

Student can view the offers or job vacancies given by the company here and apply for a job

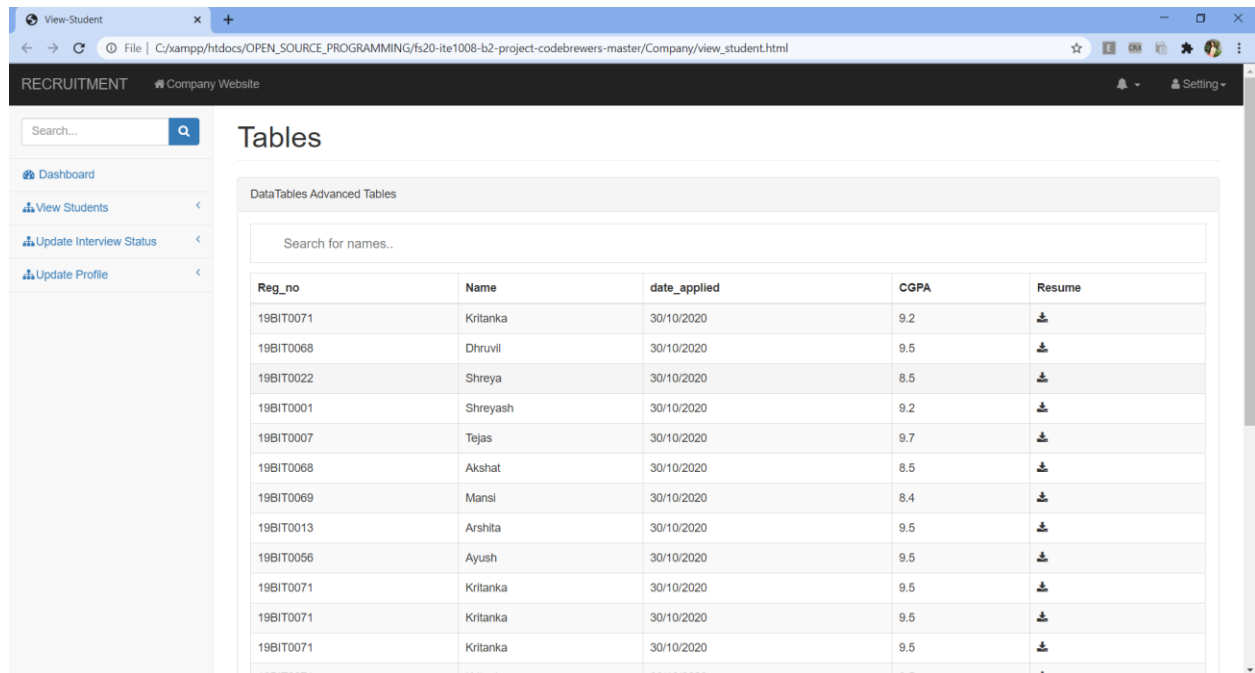


## COMPANY – DASHBOARD



Company can view the statistics details of placement here and also post vacancies for recruiting students

## COMPANY – VIEW STUDENTS PAGE



View-Student

File | C:/xampp/htdocs/OPEN\_SOURCE\_PROGRAMMING/fs20-ite1008-b2-project-codebrewers-master/Company/view\_student.html














RECRUITMENT Company Website

Search...

Tables

DataTables Advanced Tables

Search for names..

Reg_no	Name	date_applied	CGPA	Resume
19BIT0071	Kritanka	30/10/2020	9.2	
19BIT0068	Dhruvil	30/10/2020	9.5	
19BIT0022	Shreya	30/10/2020	8.5	
19BIT0001	Shreyash	30/10/2020	9.2	
19BIT0007	Tejas	30/10/2020	9.7	
19BIT0068	Akshat	30/10/2020	8.5	
19BIT0069	Mansi	30/10/2020	8.4	
19BIT0013	Arshita	30/10/2020	9.5	
19BIT0056	Ayush	30/10/2020	9.5	
19BIT0071	Kritanka	30/10/2020	9.5	
19BIT0071	Kritanka	30/10/2020	9.5	
19BIT0071	Kritanka	30/10/2020	9.5	
19BIT0071	Kritanka	30/10/2020	9.5	

Company can view the details of the student applied for a job