

A MINI PROJECT – 1B REPORT

On

# RECRUITMENT MANAGEMENT SYSTEM

Submitted in partial fulfillment of the requirement of  
University of Mumbai for the Degree of

**Bachelor of Engineering**

In

**Information Technology**

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New Panvel – 410 206

UNIVERSITY OF MUMBAI

Academic Year 2020 – 21



DEPARTMENT OF INFORMATION TECHNOLOGY

Pillai College of Engineering

New Panvel – 410 206

**CERTIFICATE**

This is to certify that the requirements for the mini project 1B report entitled '**Recruitment Management System**' have been successfully completed by the following students:

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in partial fulfillment of Bachelor of Engineering of Mumbai University in the Department of Information Technology, Pillai College of Engineering, New Panvel – 410 206 during the Academic Year 2020 – 21.

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**(Prof. Sushopti Gawade)**

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Principal (Dr. Sandeep M. Joshi)



DEPARTMENT OF INFORMATION TECHNOLOGY

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MINI PROJECT 1B APPROVAL FOR S.E.

This mini project 1B entitled Recruitment Management System” by Ritik Jain, Rajan Singh , Rohit Kakade and Mohammad Sufiyan are approved for the Second Year of Bachelor of Engineering in Information Technology.

Examiners:

1. \_\_\_\_\_

2. \_\_\_\_\_

Supervisors:

1. \_\_\_\_\_

2. \_\_\_\_\_

Chairman:

1. \_\_\_\_\_

Date:

Place:



DEPARTMENT OF INFORMATION TECHNOLOGY

Pillai College of Engineering

New Panvel – 410 206

## DECLARATION

We declare that this written submission for Second Year mini project 1B entitled “Recruitment Management System” represents our ideas in our own words and where others' ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any ideas / data / fact / source in our submission. We understand that any violation of the above will cause disciplinary action by the institute and also evoke penal action from the sources which have not been properly cited or from whom prior permission has not been taken when needed.

Project Group Members

Ritik Jain & Sign

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Mohammad Sufiyan & Sign

Date:

Place:

## **Acknowledgement**

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## **Abstract**

Recruitment has become an important process in the highly competitive labour market. The traditional methods of recruitment had been revolutionised by the emergence of the Internet. E-Recruitment is the latest trend in the recruitment process and it has been adopted in many organisations from large to small-sized companies. Many companies use e-Recruitment to post jobs and accept resumes on the Internet, and correspond with the applicants by e-mail. The main success factors of e-Recruitment are the value-added services provided by the job sites, cost-effectiveness, speed, providing customised solutions, helping to establish relationships with HR managers and facilitates brand building of the companies. Though there are many benefits to the employers and the job seekers in e-Recruitment, it still has its own limitations and shortcomings.

This project discusses the recruitment as a key of success in the whole process of hiring in the Human Resources Department. It has several functions for maintaining a superior outcome and providing effective human capital for the organization. The online recruitment is necessary tool for the recruitment process. It has several forms such as websites, recruitment agency, and web-portals. This will lead into a major development in the Human Resources Department's activities, performance and outcomes. Also, effective online recruitment will reduce the budget of the Human Resources Department. On the other hand, online recruitment has shown its effectiveness on the HR specialist, recruiter, and executive manager's decision making and effective judgment on applicants.

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## **Abbreviations**

CTC	Cost To Company
HRD	Human Resource Department
HRM	Human Resource Manager

# **Chapter 1**

## **Introduction**

### **1.1 Ideal Situation**

The recruitment system allows the job seekers to view the job opportunity through Advertisement and helps to apply for the job. The organization shortlist the applicants for the interview. The shortlisted applicants undergo through a process of Test and Interview. The HR department selects the Applicant based on the performance in the Test and Interview. Finally the recruited applicants are informed. This system makes the task of the job seeker easier rather than waiting in queue for enrollment. This also reduces the time consumption for both for the job seeker and organization.

This project discusses the recruitment as a key of success in the whole process of hiring in the Human Resources Department. It has several functions for maintaining a superior outcome and providing effective human capital for the organization. The online recruitment is necessary tool for the recruitment process. It has several forms such as websites, recruitment agency, and web-portals. However, the e-recruitment effectiveness has been proved by many studies on the Human Resources Department, Human Resources Managers, HR specialist and applicant. This will lead into a major development in the Human Resources Department's activities, performance and outcomes.

Also, effective online recruitment will reduce the budget of the Human Resources Department. On the other hand, online recruitment has shown its effectiveness on the HR specialist, recruiter, and executive manager's decision making and effective judgment on applicants.

### **1.2 Situation in reality**

Human Resources department plays a critical role in the company success. Hiring the right person for the right job will lead into achieving the company's goals effectively. However, the manual recruitment system in the company is no longer an accurate method for hiring and selecting employees. Employees are facing difficulties with finding qualified candidates that fits the jobs and filter applications manually despite the time consuming and cost. Therefore, replacing the manual recruitment system with an e-recruitment system in the company has effect on the Human Resources Department's performance.

A manual traditional recruitment system is no longer effective and accurate process to hire applicants or to fulfill vacancies within the company. This system is impacting negatively on the performance of human resources department. The traditional process of hiring and selecting is having several gabs and errors which is waste of resources, efforts, and time consuming. The solution for these problems is to replace the manual recruitment system with an e-recruitment system.

### **1.3 Consequences of reality**

A delayed recruitment process is a serious problem. The risks of a delayed recruitment process include a negative impact on business productivity, revenue, existing employees' engagement and company reputation.

When business success depends on building teams of skilled and highly talented professionals, companies need to act fast to secure finding and hiring the ideal job candidates or they risk losing them to the competition. Slow hiring practices, which result in lengthy delays to the recruitment process, can bring a series of negative consequences for companies.

Companies operating with long and convoluted hiring processes can experience several challenges which could affect their existing workforce, the company's bottom line, or even future business opportunities. Delays in the recruitment process can not only damage a company's reputation, but unfilled roles often have a direct impact on business productivity and revenue.

Job vacancies left unfilled for prolonged periods can place an excess and unwelcome strain on existing teams because of increased workloads, knowledge gaps and skills shortfalls. At the same time, company revenue suffers when vacant roles lead to reduced sales, ineffective customer service experiences and poor performance through lack of project or team management.

The impact of lengthy hiring processes on future business opportunities shouldn't be underestimated either. Inefficiencies perceived by clients and customers – whether administrative, sales, service or product related – all have the potential to tarnish a company's wider reputation and image in the long-term.

### **1.4 Proposal**

Recruiting online helps the Human Resources Department to narrow the research with accurate information in short time. It stops random applications from flooding into the department. Also, it facilitates reaching huge number of job seekers that matches the vacant jobs within the company. In addition, e-recruitment allows the department to post advertisements that contain all the information of qualifications needed in the job to find candidates that want to be found and hired. Posting an ad is very helpful and easy for the department with much lower cost. Employees who get hired with e-recruitment system are more likely to be qualified than employees who get hired with traditional way. The e-recruitment system requires specific criteria and fields to be filled by the candidates, which allow the employer to judge and make effective decisions whether hiring the person or not. On the other hand, candidates can have a full picture about the company and the nature of jobs before applying through ads or the company's profile.

In e-recruitment the employer has the chance to hire the right person for the right job after studying the job description and the specification to point out required categories. Edwin B Filippo defined recruitment as, "The process of searching for

prospective employee and stimulating them to apply for jobs in the organization.” Online recruitment is a major factor for hiring and selecting process it gives for the company assurance to reach its target successfully.

## **Chapter 2**

### **Literature Survey**

#### **2.1 Title: Analyzing the Effectiveness of Online Recruitment:**

At present organizations are becoming more online-dependent while dealing the human resource management activities. Today companies prefer online-recruitment media to attract and pick the best suit from a pool of potential candidates. Some advantages are ensured and some problems, too often faced by the organizations during depending on online recruitment. Addressing the effectiveness of online recruitment and generating the solutions for overcoming the current difficulties of online recruitment is key focus of our study. Some variables are identified to evaluate the usefulness of online recruitment to the recruiting organizations. Both primary and secondary are data has been considered for the study. One sample t-test has been conducted to assess the primary data. The study not only identified the efficacy of online recruitment but also discover the stage of recruitment in which organizations get more benefits through using the internet.

#### **2.2 Title: A Study On E-Recruitment And Its Present Condition Towards Job Seekers**

E-Recruitment is also an internet based technology used to hire a right candidate for a right job. It is a giant platform for the work seekers. E-Recruitment is widely employed by the work seekers altogether over the world to induce a right job. During this paper the research is made on this condition of seeking employment through internet and investigate the expenses and trustworthiness of internet to the work seekers. On this descriptive research the sample taken was 50 out of the population 75.

#### **2.3 Title: New Technologies in the Recruitment Process**

Well-conducted recruitment and selection process is extremely important for the organization, permitting in-depth and objective verification of candidates in terms of meeting employer's expectations and leads to their employment. Up to now, there has been little research on the impact of e-recruitment on the recruitment process as a whole. The present study fills part of this gap by investigating the effect of e-recruitment on the design of the recruitment process. Therefore, the main purpose of the paper is to analyze how new technology has influenced the recruitment process as a whole. The recruitment process will be presented on the example of ItutorGroup. The paper considers the possibilities of including modern technologies in the recruitment and selection strategies of the organization based on a case study method. The case study describes the project of cooperation of the Work Service personnel consultancy with the international organization ItutorGroup. Its selection and

recruitment strategy was based on video-recruitment. The findings indicate that e-recruitment transforms the traditional recruitment process into a time- and space-independent, collaborative hiring process. The most significant changes are recorded in the sequence and increased divisibility of main recruitment tasks. For management, the main task is now that of communicating with candidates. Recruitment and selection strategy based on modern technologies requires an experienced and competent team, two unquestionable benefits are: limiting the length of the process in time and possibility to decrease the costs.

## Chapter 3

### Proposed Solution

#### 3.1 Proposed System

The proposed system comprises of 3 major modules with their sub-modules as follows:

1. Admin:

- Login: Admin can login in his personal account using id and password.
- View candidates: Admin can view candidates.
- Filter candidates: Admin can filter candidates as per the requirement.
- Update requirement statistics: Admin can update statistics on basis of requirement.
- View Feedback: System allows admin to view the users feedback.

2. User:

- Login: User can login his account using id and password.
- Apply job: User can apply for a desire job.
- Update profile: User can update their profiles.
- View Vacancy: User can view available vacancy.
- Ask for information: User can ask for information.

#### Architecture of Proposed system

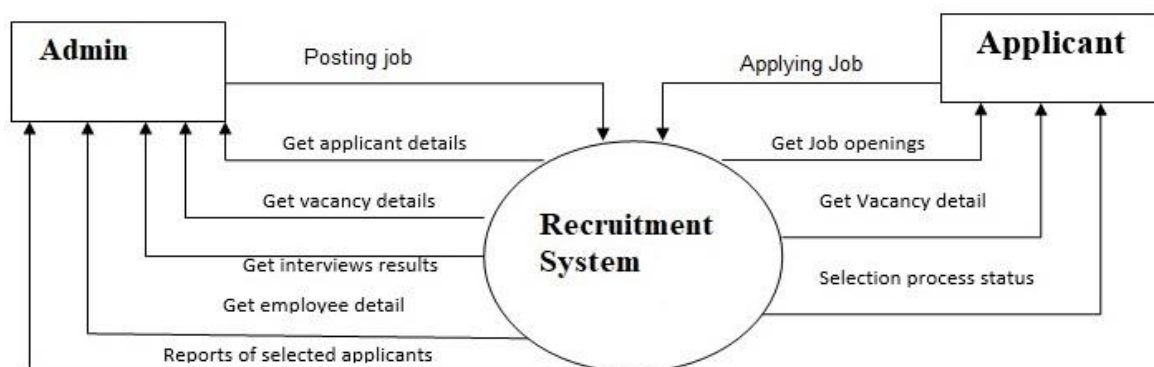


Figure 3.1: Architecture of Proposed System

### 3.2 The algorithm

#### Admin Module

Step 1: Start

Step 2: Enter Login Credential

Step 3: Verification if passed go to next step else go to step 2

Step 4: Admin can access their accessibilities \*Adding Jobs \*Manage Jobs \* Manage Company \* View Jobs Application \* Approve or Reject Job Applications

Step 5: Logout

Step 6: End

#### User Module

Step 1: Start

Step 2: Registration

Step 3: Enter Login Credential

Step 3: Verification if passed go to next step else go to step 3

Step 4: User can access their accessibilities \*Search Job Vacancies \*Apply for Jobs \* Update Profile \* Raise an Enquiry

Step 5: Logout

Step 6: End.



### 3.3 The flow diagram

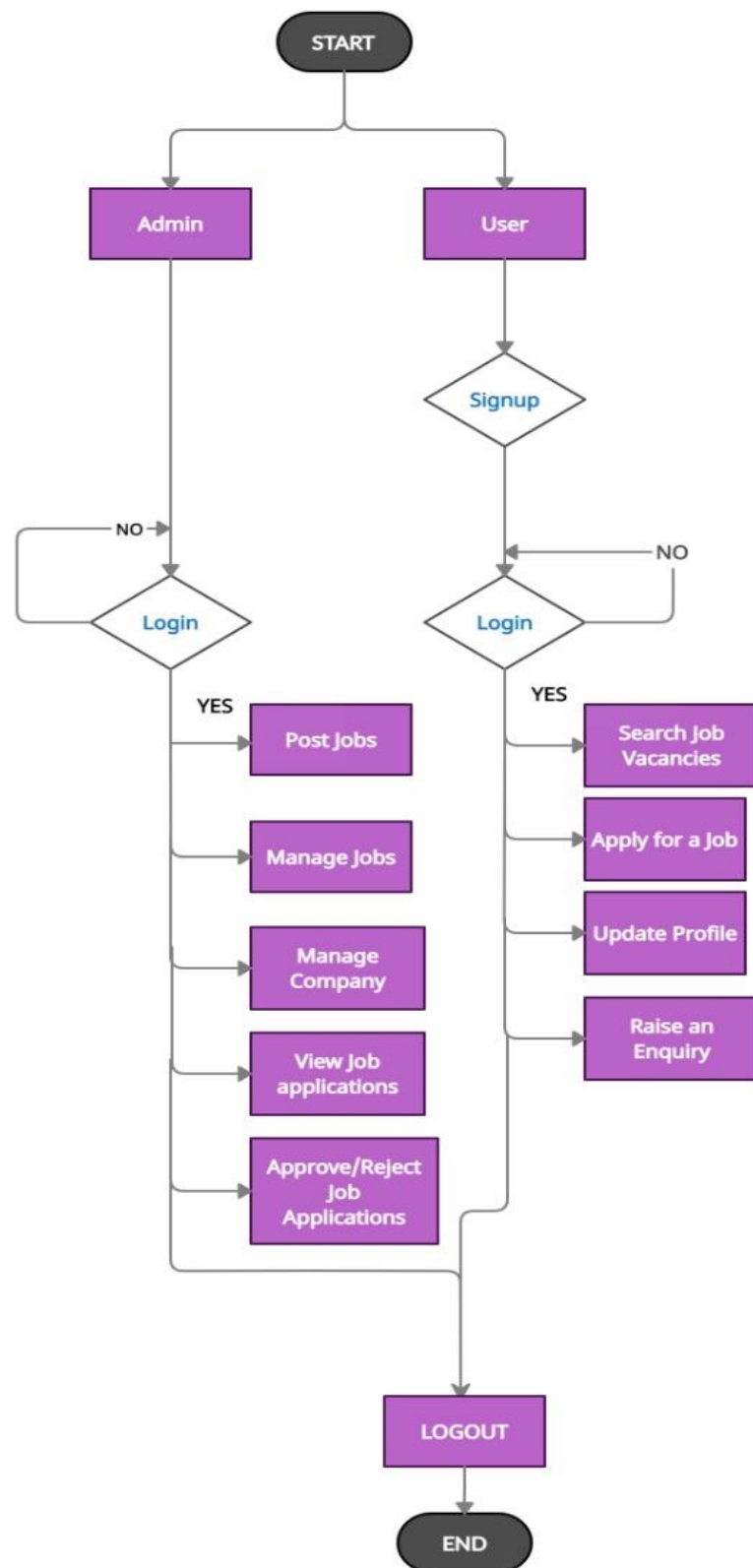


Figure 3.2: Flow diagram

### **3.3 Key functionalities of proposed system**

- ◆ The proposed system will affect or interface with the activities of graduate, employer and administrator.
- ◆ The system works and fulfills all the functionalities as per the proposed system.
- ◆ It will provide reduced response time against the queries made by different users.
- ◆ The administrator will have a clear view of number of vacancies for a particular job, number of candidates applied and number of candidates selected.
- ◆ All possible features such as verification, validation, security, user friendliness, etc. have been considered.

### **3.4 Features of the proposed system**

- This system provides service to the potential job applicants to search for job opportunities.
- This system helps the HR Personal in the recruitment of new candidates to the company.
- Corporate Recruitment System will allow job provider to establish one to one relationships with candidates.
- This corporate recruitment service system will primarily focus on the posting and management of job vacancies.
- This system is designed such that ultimately all vacancies will be posted online and would offer employers the facilities to post their vacancies online.
- It helps to review and manage the resulting applications efficiently through the web.

### **3.5 Feasibility studies**

Whenever we design a new system, normally the management will ask for a feasibility report of the new system. The management wants to know the technicalities and cost involved in creation of new system.

- Operational feasibility
- Technical feasibility
- Economical feasibility

- ◆ Operational Feasibility:

Operational feasibility is a measure of how well a proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

Operational feasibility reviews the willingness of the organization to support the proposed system.

◆ Technical Feasibility:

Technical feasibility involves study to establish the technical capability of the system being created to accomplish all requirements to the user. The system should be capable of handling the proposed volume of data and provide users and operating environment to increase their efficiency. For example, system should be capable of handling the proposed volume of data and provide users.

◆ Economic Feasibility:

Economic feasibility involves study to establish the cost benefit analysis. Money spent on the system must be recorded in the form of benefit from the system.

In economic analysis the procedure is to determine the benefits and savings that are expected from a candidate system and compare them with costs.

If benefits outweigh costs, then the decision is made to design and implement the system

The benefits are of two types:

Tangible benefits:

- Saving man labor to do tedious tasks saves time.

Intangible benefits:

- Improves the quality of organization.

### 3.6 Hardware and software requirements

Table 3.6.1: Hardware Requirements

Sr #	Hardware Type	Hardware Specificc/Minimum requirement	Use in the project
1	Device with internet	-	To have the capacity to visit the website
2	RAM	Primary storage device	Space to load the website

Table 3.6.2: Software Requirements

<b>Sr #</b>	<b>Software Type</b>	<b>Software Speccific/Minimum Requirement</b>	<b>Use in the project</b>
1	Web browser	An application that allows us to visit websites	Ability to open the website

## Chapter 4

### System Diagrams

#### 4.1 The implementation plan (Gantt Chart)

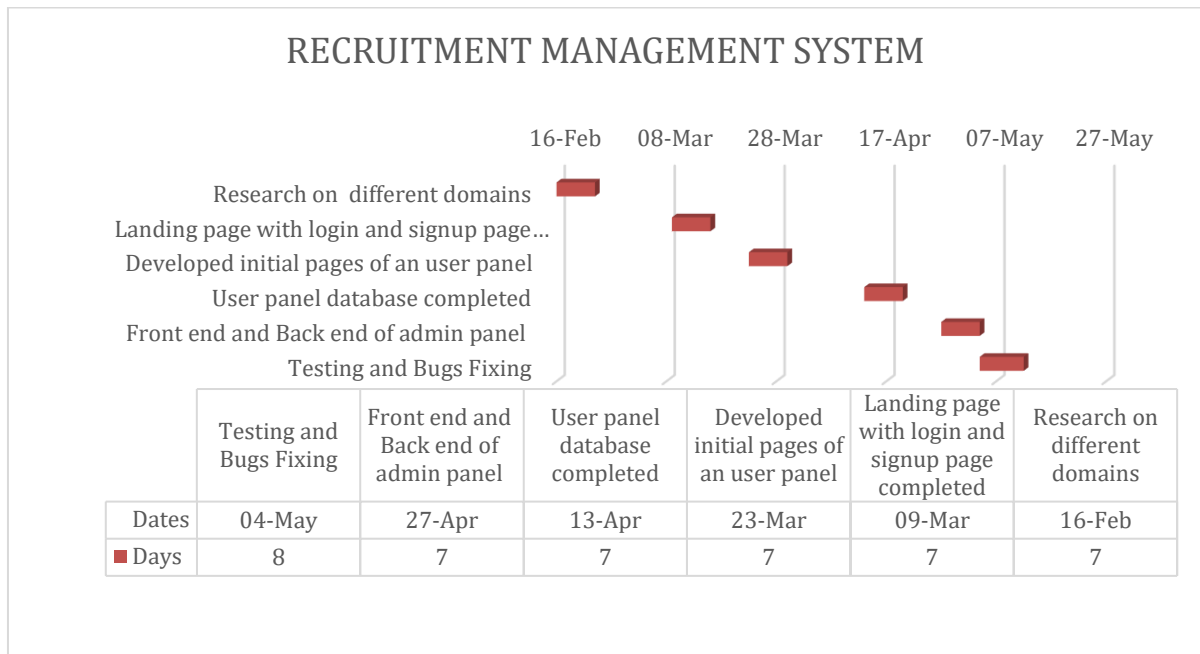


Figure 4.1: Gantt Chart

## Chapter 5

### The Implemented Details

#### 5.1 Code

Files Directory

1. Template folder
  - a. Index file
  - b. Login file
  - c. Admin file
  - d. Layout file
  - e. Job Details file
2. Main Python File

##### Template Folder

##### Index File :-

```
{% extends "commonViews/layout.html" %}
{% block body %}
<section id="homeIntro" class="parallax first-widget">
<div class="parallax-overlay">
<div class="container home-intro-content">
<div class="row">
<div class="col-md-12">
<h2>You're here to hire. We're here to help.</h2>
<p>If you hire good people, give them good jobs, and pay them good wages, generally
something good going to happen. </p>
<a href="#jobs" class="large-button white-color">Click here to get Job <i class="icon-button
fa fa-download"></i></a>
</div> <!-- /.col-md-12 -->
</div> <!-- /.row -->
</div> <!-- /.container -->
</div> <!-- /.parallax-overlay -->
</section> <!-- /#homeIntro -->

<section class="cta clearfix">
<div class="container">
<div class="row">
<div class="col-md-12">
<h4 class="cta-title"><strong>Want to use Medigo?</strong> You can apply for jobs</h4>
</div> <!-- /.col-md-12 -->
</div> <!-- /.row -->
</div> <!-- /.container -->
```

```

</section> <!-- /.cta -->
<section class="light-content services">
<div class="container">
<div class="row">
<div class="col-md-4 col-sm-4">
<div class="service-box-wrap">
<div class="service-icon-wrap">
<i class="fa fa-laptop fa-2x"></i>
</div> <!-- /.service-icon-wrap -->
<div class="service-cnt-wrap">
<h3 class="service-title">Web development</h3>
<p>Web development is the building and maintenance of websites; it's the work that happens behind the scenes to make a website look great, work fast and perform well with a seamless user experience. Web developers, or 'devs', do this by using a variety of coding languages.</p>
</div> <!-- /.service-cnt-wrap -->
</div> <!-- /.service-box-wrap -->
</div> <!-- /.col-md-4 -->

<div class="col-md-4 col-sm-4">
<div class="service-box-wrap">
<div class="service-icon-wrap">
<i class="fa fa-mobile-phone fa-2x"></i>
</div> <!-- /.service-icon-wrap -->
<div class="service-cnt-wrap">
<h3 class="service-title">Mobile application</h3>
<p>Mobile developers are a type of software developer. They specialise in mobile technology such as building apps for Google's Android, Apple's iOS and Microsoft's Windows Phone platforms. ... Mobile developers learn the programming languages and software development environment for their chosen platform</p>
</div> <!-- /.service-cnt-wrap -->
</div> <!-- /.service-box-wrap -->
</div> <!-- /.col-md-4 -->

<div class="col-md-4 col-sm-4">
<div class="service-box-wrap">
<div class="service-icon-wrap">
<i class="fa fa-pencil-square-o fa-2x"></i>
</div> <!-- /.service-icon-wrap -->
<div class="service-cnt-wrap">
<h3 class="service-title">Graphics Design</h3>
<p>The Graphic Designer job description includes the entire process of defining requirements, visualizing and creating graphics including illustrations, logos, layouts and photos. You'll be the one to shape the visual aspects of websites, books, magazines, product packaging, exhibitions and more.</p>

```

```

</div> <!-- /.service-cnt-wrap -->
</div> <!-- /.service-box-wrap -->
</div> <!-- /.col-md-4 -->
</div>
</div> <!-- /.container -->
</section> <!-- /.services -->
<section class="testimonials-widget">
<div class="container">
<div class="row">
<div class="col-md-12">
<div class="bxslider">
<div class="testimonial">
<div class="testimonial-content">
<span class="testimonial-author">Dummy - Architect</span>
<p class="testimonial-description">Thank you for all your good work in creating theme. They
have a ‘presence’ which feels right.</p>
</div>
</div>
<div class="testimonial">
<div class="testimonial-content">
<span class="testimonial-author">Dummy - Design Writer</span>
<p class="testimonial-description">I love the logo. Particularly how the mark can stand on its
own. Nice work! It feels tall and proud and powerful — and I love that. That’s what I was
after.</p>
</div>
</div>
<div class="testimonial">
<div class="testimonial-content">
<span class="testimonial-author">Dummy - Developer</span>
<p class="testimonial-description">You’re pretty awesome to work with. Incredibly
organized, easy to communicate with, responsive with next iterations, and beautiful work.</p>
</div>
</div>
</div> <!-- /.bxslider -->
</div> <!-- /.col-md-12 -->
</div> <!-- /.row -->
</div> <!-- /.container -->
</section> <!-- /.testimonials-widget -->
<section class="light-content our-team" id="jobs">
<div class="container">
<div class="row">
<div class="col-md-12">
<div class="section-header">
<h2 class="section-title">Recent Jobs </h2>

```







```

{% if msg.split(' ',1)[0]=="Invalid" %}
<div class="alert alert-success" style="text-align: center;">
<strong>Error: </strong>{{ msg }}
</div>
{% endif %}
<div class="signup-content">
<form action="/user" method="POST" id="signup-form" class="signup-form" role="form">
<h2 class="form-title">Login Here,</h2>

<div class="form-group">
<input type="email" class="form-input" name="userName" id="userName"
placeholder="Your Email"/>
</div>
<div class="form-group">
<input type="password" class="form-input" name="pas" id="pas" placeholder="Password"/>
<span toggle="#password" class="zmdi zmdi-eye field-icon toggle-password"></span>
</div>
<div class="form-group">
<input type="submit" name="login" id="login" class="form-submit" value="Login"/>
</div>
</form>
<p class="loginhere">
Have not an account ? <a href="#" class="loginhere-link"
onclick="blockNoneDiv('signup','login')">Signup here</a>
</p>
</div>
</div>
</section>
</div>
<!--Login Section END -->
<!-- SignUp Section -->
<div class="main" id="signup">
<section class="signup">
<!-- 
<div class="container">
{% if msg.split(' ',1)[0]=="Username" %}
<div class="alert alert-success" style="text-align: center;">
<strong>Error: </strong>{{ msg }}
</div>
{% endif %}
<div class="signup-content">
<form action="/user" method="POST" id="signup-form" class="signup-form" role="form">
<h2 class="form-title">Create account</h2>
<div class="form-group">

```

```

<input type="text" class="form-input" name="name" id="name" placeholder="Your Name"/>
</div>
<div class="form-group">
<input type="email" class="form-input" name="email" id="email" placeholder="Your
Email"/>
</div>
<div class="form-group">
<input type="password" class="form-input" name="password" id="password"
placeholder="Password"/>
<span toggle="#password" class="zmdi zmdi-eye field-icon toggle-password"></span>
</div>
<div class="form-group">
<input type="password" class="form-input" name="re_password" id="re_password"
placeholder="Repeat your password"/>
</div>
<div class="form-group">
<input type="submit" name="signUp" id="signUp" class="form-submit" value="Sign up"/>
</div>
</form>
<p class="loginhere">
Have already an account ? <a href="#" class="loginhere-link"
onclick="blockNoneDiv('login','signup')">Login here</a>
</p>
</div>
</div>
</section>
</div>
{% if msg.split(' ',1)[0]=="Username" %}
<script>
document.getElementById("signup").style.display='block';
document.getElementById("login").style.display='none';
</script>
{%else %}
<script>
document.getElementById("signup").style.display='none';
</script>
{% endif %}
<!-- SignUp Section END -->
<script>
function blockNoneDiv(param1,param2){
document.getElementById(param1).style.display='block';
document.getElementById(param2).style.display='none';
}
</script>

```

```

<!-- JS -->
<script src="{{ url_for('static', filename='vendor/jquery/jquery.min.js') }}"></script>
<script src="{{ url_for('static', filename='js/main.js') }}"></script>
</body><!-- This templates was made by Colorlib (https://colorlib.com) -->
</html>

```

### Admin File :-

```

<!doctype html>
<html lang="en">
<head>
<title>admin panel</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<link rel="stylesheet" href="{{ url_for('static', filename='css/styleAdmin.css') }}">
<link rel="stylesheet" href="{{ url_for('static', filename='css/all-themes.css') }}">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
<link href="https://fonts.googleapis.com/css?family=Roboto:400,700&subset=latin,cyrillic-ext" rel="stylesheet" type="text/css">
<link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet"
type="text/css">
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css"
integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFINEEvoEH3SI0sibVcOQVnN"
crossorigin="anonymous">
</head>
<body class="theme-indigo">
<!-- Modal -->
<div class="modal fade" id="veiwJobModal" role="dialog" >
<div class="modal-dialog" style="width: 70%;">
<!-- Modal content-->
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal">&times;</button>
<h4 class="modal-title">Veiw Job</h4>
</div>
<div class="modal-body">
<form action="/submit-applicant" method="POST" role="form" enctype="multipart/form-
data">
<div class="panel panel-default">
<div class="panel-heading">

```

```

<h4>Records</h4>
</div>
<div class="panel-body">
<div class="table-responsive">
<table class="table table-striped table-bordered table-hover" id="Records">
<thead style="align-items:center;">
<tr>
<th>Company name</th>
<th>Job stream</th>
<th>Location</th>
<th>Start date</th>
<th>Apply by</th>
<th>Action</th>
</tr>
</thead>
<tbody>
{%for i in range(0, jobRecord|length)%}
<tr>
<td>
{{jobRecord[i].company_name}}
</td>
<td>
{{jobRecord[i].name_of_job}}
</td>
<td>
{{jobRecord[i].location}}
</td>
<td>
{{jobRecord[i].start_date}}
</td>
<td>
{{jobRecord[i].apply_by}}
</td>
<td>
<a onclick="setHref(this.id)" class="btn btn-primary btn-xs" data-toggle="modal" data-
target="#jobModal" style="margin: 2%; text-decoration: none; border-radius: 4px; padding:
5%;" id="editJob{{jobRecord[i].job_id}}"><span class="fa fa-edit btn-primary"
style="margin-top: 6px; font-size: 15px;"> edit&nbsp;&nbsp;&nbsp;&nbsp;</span> </a>
</td>
</tr>
{%endfor%}
</tbody>
</table>

```

```

</div>
</div>
</div>
</form>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default" data-dismiss="modal">Close</button>
</div>
</div>
</div>
</div>
<!-- Modal -->
<div class="modal fade" id="jobModal" role="dialog">
<div class="modal-dialog">
<!-- Modal content-->
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal"
onclick="resetElement()">&times;</button>
<h4 class="modal-title">{{ "Updating Job" if singlejobRecord|length>0 else "Adding Job"
}}</h4>
</div>
<div class="modal-body">
<form action="/adminPanel" method="POST" role="form" enctype="multipart/form-data" >
<input type="hidden" class="form-control" name="jobID" id="jobID" value="{{
singlejobRecord[0].job_id if singlejobRecord|length>0 else " }}" />
<div class="form-group">
<label>Company Name </label>
<input type="text" class="form-control" name="comName" id="comName"
placeholder="Company Name" value="{{ singlejobRecord[0].company_name if
singlejobRecord|length>0 else " }}" />
</div>
<div class="form-group">
<label>Job Stream </label>
<input type="text" class="form-control" name="nameOfJob" id="nameOfJob"
placeholder="Job Stream" value="{{ singlejobRecord[0].name_of_job if
singlejobRecord|length>0 else " }}" />
</div>
<div class="form-group">
<label>Job location </label>
<input type="text" class="form-control" name="jobLocate" id="jobLocate"
placeholder="location" value="{{ singlejobRecord[0].location if singlejobRecord|length>0
else " }}" />
</div>

```

```

<div class="form-group">
<label >Start Date </label>
<input type="text" class="form-control" name="startDate" id="startDate" placeholder="Start
Date" value="{{ singlejobRecord[0].start_date if singlejobRecord|length>0 else " }}"/>
</div>
<div class="form-group">
<label >CTC</label>
<input type="text" class="form-control" name="CTC" id="CTC" placeholder="Annual
Salary" value="{{ singlejobRecord[0].CTC if singlejobRecord|length>0 else " }}"/>
</div>
<div class="form-group">
<label >Apply by </label>
<input type="date" class="form-control" name="applyBy" id="applyBy" value="{{
singlejobRecord[0].apply_by if singlejobRecord|length>0 else " }}"/>
</div>
<div class="form-group">
<label >Experience</label>
<input type="text" class="form-control" name="exp" id="exp" placeholder="Experience"
value="{{ singlejobRecord[0].experience if singlejobRecord|length>0 else " }}"/>
</div>
<div class="form-group">
<label >Applicant</label>
<input type="text" class="form-control" name="applicant" id="applicant"
placeholder="Applicant" value="{{ singlejobRecord[0].applicant if singlejobRecord|length>0
else " }}"/>
</div>
<div class="form-group">
<label >About the job</label>
<textarea class="form-control" id="aboutJob" name="aboutJob" rows="2" cols="50"
placeholder="About Job" style="vertical-align: middle;">
{{ singlejobRecord[0].about_the_job if singlejobRecord|length>0 else " }}
</textarea>
</div>
<div class="form-group">
<label >Skill required</label>
<input type="text" class="form-control" name="skillReq" id="skillReq" placeholder="skill
required" value="{{ singlejobRecord[0].skill_required if singlejobRecord|length>0 else "
}}"/>
</div>
<div class="form-group">
<label >Who can apply</label>
<textarea id="whoApply" class="form-control" name="whoApply" rows="2" cols="50"
style="vertical-align: middle;">
{{ singlejobRecord[0].who_can_apply if singlejobRecord|length>0 else " }}

```



```

</textarea>
</div>
<div class="form-group">
<label >Number of Opening</label>
<input type="text" class="form-control" name="numOfOpening" id="numOfOpening"
value="{{ singlejobRecord[0].num_of_opening if singlejobRecord|length>0 else " }}" />
</div>
<div class="form-group">
<label >Slug Name</label>
<input type="text" class="form-control" name="slugName" id="slugName"
placeholder="slug" value="{{ singlejobRecord[0].slug if singlejobRecord|length>0 else " }}" />
</div>
<div class="form-group">
<label >Job Status</label>
<select class="form-control" id="jobStatus" name="jobStatus" >
{% if singlejobRecord|length>0 %}
<option>{{ singlejobRecord[0].job_status }}</option>

{%endif%}
<option>Select job status--</option>
<option>opend</option>
<option>closed</option>
</select>
</div>
<div class="form-group">
<label>Upload job image </label>
<input type="file" class="form-control" name="jobImage" id="jobImage"
placeholder="Contact" value="{{ singlejobRecord[0].img if singlejobRecord|length>0 else " }}" />
</div>

{% if singlejobRecord|length>0 %}
<div class="form-group" style="text-align: center;">
<input type="submit" class="btn btn-primary form-control" name="updateJob"
id="updateJob" value="Update job" />
</div>
{%else%}
<div class="form-group" style="text-align: center;">
<input type="submit" class="btn btn-primary form-control" name="addJob" id="addJob"
value="Add job" />
</div>
{%endif%}
</form>

```

```

</div>
<div class="modal-footer">
<button type="button" class="btn btn-default" data-dismiss="modal"
onclick="resetElement()">Close</button>
</div>
</div>
</div>
</div>
{ % if singlejobRecord|length>0 % }
<script>
$( '#jobModal' ).modal( { backdrop: 'static', keyboard: false } )
</script>
{ % endif % }
<!-- Overlay For Sidebars -->
<div class="overlay"></div>
<!-- #END# Overlay For Sidebars -->
<!-- Top Bar -->
<nav class="navbar" style="position: fixed;">
<div class="container-fluid ">
<div class="navbar-header sticy">
<a href="javascript:void(0);" class="navbar-toggle collapsed" data-toggle="collapse" data-
target="#navbar-collapse" aria-expanded="false"></a>
<a href="javascript:void(0);" class="bars"></a>
<a class="navbar-brand">DASHBOARD</a>
</div>
<div class="collapse navbar-collapse" id="navbar-collapse">
<ul class="nav navbar-nav navbar-right">
<!-- Call Search -->
<li><a href="javascript:void(0);" class="js-search" data-close="true"><i class="material-
icons">search</i></a></li>
<!-- #END# Call Search -->
<li class="pull-right"><a href="javascript:void(0);" class="js-right-sidebar" data-
close="true"><i class="material-icons">more_vert</i></a></li>
</ul>
</div>
</div>
</nav>
<section >
<!-- Left Sidebar -->
<aside id="leftsidebar" class="sidebar" >
<!-- User Info -->
<div class="user-info">
<div class="image">


```

```

</div>
<div class="info-container">
<div class="name" data-toggle="dropdown-menu" aria-haspopup="true" aria-
expanded="false">
{ { adminSession } }
</div>
<div class="email"></div>
<div class="btn-group user-helper-dropdown">
<i class="material-icons" data-toggle="dropdown-menu" aria-haspopup="true" aria-
expanded="true" id="btnArrow" onclick="blockNone()">keyboard_arrow_down</i>
<ul id="collaps" class="dropdown-menu pull-right" style="margin-right: 100%;">
<li><a href="javascript:void(0);"><i class="material-icons">person</i>Profile</a></li>
<li role="separator" class="divider"></li>
<li><a href="/adminSignOut"><i class="material-icons">input</i>Sign Out</a></li>
</ul>
</div>
</div>
</div>
<!-- #User Info -->
<!-- Menu -->
<div class="menu" >
<ul class="list" >
<li class="header" >MAIN NAVIGATION</li>
<li class="active">
<a href="/adminPanel">
<i class="material-icons">home</i>
<span>Home</span>
</a>
</li>
<li >
<a href="javascript:void(0);" class="menu-toggle">
<i class="material-icons">badge</i>
<span>Job</span>
</a>
<ul class="ml-menu">
<li>
<a href="#" data-toggle="modal" data-target="#jobModal">Add Job</a>
</li>
<li>
<a href="#" data-toggle="modal" data-target="#veiwJobModal">Veiw Job</a>
</li>
</ul>
</li>
</li>

```

```

<a href="javascript:void(0);" class="menu-toggle">
<i class="material-icons">book</i>
<span>Applicant Stages</span>
</a>
<ul class="ml-menu">
<li>
<a href="/Stage/0">Resume Verification</a>
</li>
<li>
<a href="/Stage/1">Stage I</a>
</li>
<li>
<a href="/Stage/2">Stage II</a>
</li>
<li>
<a href="/Stage/3">HR Round/Final Round</a>
</li>
</ul>
</li>
<li class="header">Features</li>
<li>
<a href="javascript:void(0);">
<i class="material-icons col-amber">donut_large</i>
<span>Comming Soon!!!</span>
</a>
</li>
</ul>
</div>
<!-- #Menu -->
<!-- Footer -->
<div class="legal">
<div class="copyright">
&copy; 2020 - 2021 <a href="javascript:void(0);">Designed </a>.
</div>
<div class="version">
<b>Version: </b> 1.0
</div>
</div>
<!-- #Footer -->
</aside>
<!-- #END# Left Sidebar -->
</section>
<section class="content">
<div class="container-fluid">

```

```

<div class="block-header">
<span style="font-size: 25px; font-weight: bold;">DASHBOARD: Admin Panel</span>
</div>
<!-- Main Form For Personal Details -->
<div id="tableContent">
<div class="row clearfix">
<div class="col-xs-12 col-sm-12 col-md-12 col-lg-12">
<div class="card">
<div class="header">
<div class="row clearfix">
<div class="col-xs-12 col-sm-6">
<h4>Current Status:{{ "Applicant Overview" if applicantRecord|length>0 else ""}}{{%if
stageAppliRecord|length>0% }      { {          "Resume          Verification"          if
stageAppliRecord[0].applicant_state=="0"          else          "Stage          I"          if
stageAppliRecord[0].applicant_state=="1"          else          "Stage          II"          if
stageAppliRecord[0].applicant_state=="2"          else          "HR          Round/FinalRound"          if
stageAppliRecord[0].applicant_state=="3" else "" } }{%endif% }
</h4>
</div>
</div>
</div>
<br>
<!-- Advanced Tables -->
<div class="panel panel-default">
<div class="panel-heading">
<h4>Records</h4>
</div>
<div class="panel-body">
<div class="table-responsive">
<table class="table table-striped table-bordered table-hover" id="Records">
<thead style="align-items:center;">
<tr>
<th>Applicant name</th>
<th>Contact</th>
<th>Company name</th>
<th>Job stream</th>
<th>Location</th>
<th>Experience</th>
<th>Stage current status</th>
{ % if stageAppliRecord|length>0% }
<th>Resume</th>
<th>Action</th>
{ %else% }
<th>Applicant Stage</th>

```

```

{%endif% }
</tr>
</thead>
<tbody>
{ %set      count=applicantRecord|length      if      applicantRecord|length>0      else
stageAppliRecord|length % }
{ %for i in range(0,count)% }
<tr>
<td>
{ { applicantRecord[i].name if applicantRecord|length>0 else stageAppliRecord[i].name } }
</td>
<td>
{ { applicantRecord[i].contact if applicantRecord|length>0 else stageAppliRecord[i].contact } }
</td>
<td>
{ { selectedjobRecord[i][0].company_name      if      applicantRecord|length>0      else
stageSelectedjobRecord[i][0].company_name } }
</td>
<td>
{ { selectedjobRecord[i][0].name_of_job      if      applicantRecord|length>0      else
stageSelectedjobRecord[i][0].name_of_job } }
</td>
<td>
{ { selectedjobRecord[i][0].location      if      applicantRecord|length>0      else
stageSelectedjobRecord[i][0].location } }
</td>
<td>
{ { selectedjobRecord[i][0].experience      if      applicantRecord|length>0      else
stageSelectedjobRecord[i][0].experience } }
</td>
<td>
{ %if applicantRecord|length>0% }
{ { "Rejected"      if      applicantRecord[i].transfer_status=="-1"      else      "Approved"      if
applicantRecord[i].transfer_status=="-2"      else      "Pending"      if
applicantRecord[i].transfer_status=="-3" else "34" } }
{ %else% }
{ { "Rejected"      if      stageAppliRecord[i].transfer_status=="-1"      else      "Approved"      if
stageAppliRecord[i].transfer_status=="-2"      else      "Pending"      if
stageAppliRecord[i].transfer_status=="-3" else "33" } }
{ %endif% }
</td>
{ % if stageAppliRecord|length>0% }
<td>

```



```

} else {
document.getElementById("collaps").style.display='block';
document.getElementById("btnArrow").innerText="keyboard_arrow_up"
}
}
function setHref(id)
{
window.location.href="/adminPanel/edit/"+id.substr(7);
}
function resetElement()
{
window.location="/adminPanel";
}
</script>
<script src="{ { url_for('static', filename='js/admin.js') } }"></script>
</body>
</html>

```

### Layout File :-

```

<!DOCTYPE html>
<html lang="en-US">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">
<title>Medigo Blue, free responsive template</title>
<meta name="keywords" content="">
<meta name="description" content="">
<meta name="author" content="templatemo">
<!--
Medigo Template
http://www.templatemo.com/preview/templatemo_460_medigo
-->
<!-- Google Fonts -->
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-
awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFINEEvoEH3SI0sibVcOQVnN"
crossorigin="anonymous">
<link href="http://fonts.googleapis.com/css?family=PT+Serif:400,700,400italic,700itali"
rel="stylesheet">
<link
href="http://fonts.googleapis.com/css?family=Raleway:400,900,800,700,500,200,100,600"
rel="stylesheet">
<!-- For model window plugin -->

```



```

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
<!-- Stylesheets -->
<link rel="stylesheet" href="{ { url_for('static', filename='bootstrap/bootstrap.css') } }">
<link rel="stylesheet" href="{ { url_for('static', filename='css/misc.css') } }">
<link rel="stylesheet" href="{ { url_for('static', filename='css/blue-scheme.css') } }">
<!-- JavaScripts -->
<script src="{ { url_for('static', filename='js/jquery-1.10.2.min.js') } }"></script>
<script src="{ { url_for('static', filename='js/jquery-migrate-1.2.1.min.js') } }"></script>
<link rel="shortcut icon" href="{ { url_for('static', filename='images/favicon.ico') } }"
type="image/x-icon" />
</head>
<body>
<div class="responsive_menu">

<ul class="main_menu">
<li><a href="/">Home</a></li>
<li><a href="archives.html">about</a></li>
<li><a href="contact.html">Contact</a></li>
<li><a href="/signOut">SignOut</a></li>
</ul> <!-- /.main_menu -->
</div> <!-- /.responsive_menu -->
<header class="site-header clearfix">
<div class="container">
<div class="row">
<div class="col-md-12">
<div class="pull-left logo">
<a href="index.html">

</a>
</div> <!-- /.logo -->
<div class="main-navigation pull-right">
<nav class="main-nav visible-md visible-lg">
<ul class="sf-menu">
<li class="active"><a href="/">Home</a></li>
<li><a href="/user">Login/SignUp</a></li>
<li><a href="contact.html">Contact</a></li>
<li><a href="/signOut">SignOut</a></li>
{ % if userNameSess!=None % }
<h6 style="color: black; float: right; font-weight: bold;">Welcome, { { userNameSess } }</h6>
{ %endif% }
</ul> <!-- /.sf-menu -->

```

```

</nav> <!-- /.main-nav -->
<!-- This one in here is responsive menu for tablet and mobiles -->
<div class="responsive-navigation visible-sm visible-xs">
<a href="#nogo" class="menu-toggle-btn">
<i class="fa fa-bars"></i>
</a>
</div> <!-- /responsive_navigation -->
</div> <!-- /.main-navigation -->
</div> <!-- /.col-md-12 -->
</div> <!-- /.row -->
</div> <!-- /.container -->
</header> <!-- /.site-header -->
{ % block body % }
{ % endblock % }
<footer class="site-footer" style="background-color: black;">
<div class="container" >
<div class="row">
<div class="col-md-12">
<nav class="footer-nav clearfix">
<ul class="footer-menu">
<li><a href="/">Home</a></li>
<li><a href="/user">Login/SignUp</a></li>
<li><a href="contact.html">Contact</a></li>
<li><a href="/signOut">SignOut</a></li>
</ul> <!-- /.footer-menu -->
</nav> <!-- /.footer-nav -->
</div> <!-- /.col-md-12 -->
</div> <!-- /.row -->
<div class="row">
<div class="col-md-12">
<p class="copyright-text">Copyright &copy; 2021 Medigo
| Design: AK Group</p>
</div> <!-- /.col-md-12 -->
</div> <!-- /.row -->
</div> <!-- /.container -->
</footer> <!-- /.site-footer -->      eu fugiat nulla pariatur

<!-- Scripts -->
<script src="{ { url_for('static', filename='js/min/plugins.min.js') } }"></script>
<script src="{ { url_for('static', filename='js/min/medigo-custom.min.js') } }"></script>
</body>
</html>

```

**Job Details File :-**

```

{% extends "commonViews/layout.html" %}
{% block body %}
<!-- Modal -->
<div class="modal fade" id="myModal" role="dialog">
<div class="modal-dialog">
<!-- Modal content-->
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal">&times;</button>
<h4 class="modal-title">Applying Job</h4>
</div>
<div class="modal-body">
<form action="/submit-applicant" method="POST" role="form"
enctype="multipart/form-data">
<div class="form-group">
<label>Contact </label>
<input type="text" class="form-control" name="cont" id="cont" placeholder="Contact"/>
</div>
<div class="form-group">
<label>Upload Resume </label>
<input type="file" class="form-control" name="resume" id="resume"
placeholder="Contact"/>
</div>
<div class="form-group" style="text-align: center;">
<input type="submit" class="btn btn-
primary form-control" name="resume" id="resume" />
</div>
</form>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default" data-dismiss="modal">Close</button>
</div>
</div>
</div>
</div>
<div class="container" >
<div class="row">
<div class="col-md-12 blog-posts">
<div class="row" >
<div class="col-md-12">
<div class="post-blog">
<hr><div class="blog-image">
{% set imgName='images/includes/'+jobDetails[0].img%}

```



```

</div> <div class="tag-items">
<label for="skill" style="font-weight: bold;">Skill(s) Required</label><br>
{ % set skill=jobDetails[0].skill_required.split(',') % }
{ %for i in range(0, skill|length)% }
<span rel="tag">{ { skill[i] } }</span>
{ %endfor% }
</div><br><div><label for="aboutJob" style="font-weight: bold;">Who can Apply</label>

<blockquote>
{ {jobDetails[0].who_can_apply} }
</blockquote>
</div><br>
<div>
<label for="aboutJob" style="font-weight: bold;">Number of opening</label>
<blockquote>
{ {jobDetails[0].num_of_opening} }
</blockquote>
</div> <div>
<form action="/sure" method="post" role="form">
<div style="text-align: center;">
{ % if Namesession!=None % }
<button type="button" class="mainBtn" data-toggle="modal" data-
target="#myModal" >Apply Now</button>
{ %else % }
<a class="mainBtn" href="/user" style="text-decoration: none;"><span style="color:
white;">Apply Now</span></a>
{ % endif % }
</div>
</form>
</div>
</div> <!-- /.blog-content --> <!-- -->
</div> <!-- /.post-blog -->
</div> <!-- /.col-md-12 -->
</div> <!-- /.row -->
{ % endblock % }

```

### Main Python File :-

```

from flask import Flask,render_template,request,redirect,session,flash,send_from_directory
from flask_sqlalchemy import SQLAlchemy
import os
from werkzeug.utils import secure_filename
from werkzeug.datastructures import FileStorage
from datetime import date
from flask_mail import Mail

```

```

from flask_mail import Message
resume_Verification="0"
stage1="1"
stage2="2"
hrRound="3"
reject="-1"
approve="-2"
pending="-3"
UPLOAD_FOLDER = './static/resume/'
UPLOAD_IMAGE='./static/images/includes'
ALLOWED_EXTENSIONS = {'pdf'}
ALLOWED_EXTENSIONS_IMAGE={'jpg','png','jpeg'}
currentDate=date.today()
app=Flask(__name__)
app.config['SECRET_KEY']= "afhbrjbnjbc"
app.config['UPLOAD_FOLDER'] = UPLOAD_FOLDER
app.config['UPLOAD_IMAGE'] = UPLOAD_IMAGE
app.config['SQLALCHEMY_DATABASE_URI']=
'mysql+pymysql://root:@localhost/recruitment_management_system'
app.config.update(
MAIL_SERVER = 'smtp.gmail.com',
MAIL_PORT = '465',
MAIL_USE_SSL = True,
MAIL_USERNAME = "ashmizashah143@gmail.com",
MAIL_PASSWORD = "AshShanaya@143"
)
mail = Mail(app)
db = SQLAlchemy(app)
def allowed_file(filename):
return '.' in filename and \
filename.rsplit('.', 1)[1].lower() in ALLOWED_EXTENSIONS
def allowed_image(filename):
return '.' in filename and \
filename.rsplit('.', 1)[1].lower() in ALLOWED_EXTENSIONS_IMAGE
class users(db.Model):
sno =db.Column(db.Integer, primary_key=True)
name = db.Column(db.String(56), nullable=False)
email = db.Column(db.String(70), nullable=False)
password = db.Column(db.String(10), nullable=False)
class job_details(db.Model):
job_id =db.Column(db.Integer, primary_key=True, autoincrement=True)
company_name = db.Column(db.String,nullable=False)
name_of_job = db.Column(db.String, nullable=False)
location = db.Column(db.String, nullable=False)

```

```

start_date = db.Column(db.String, nullable=True)
CTC = db.Column(db.String, nullable=True)
apply_by = db.Column(db.DateTime, nullable=True)
experience = db.Column(db.String, nullable=False)
applicant = db.Column(db.String, nullable=True)
about_the_job = db.Column(db.String, nullable=False)
skill_required = db.Column(db.String, nullable=False)
who_can_apply = db.Column(db.String, nullable=False)
num_of_opening = db.Column(db.String, nullable=False)
job_status = db.Column(db.String, nullable=False)
slug = db.Column(db.String, nullable=False)
img = db.Column(db.String, nullable=False)
class applicant(db.Model):
s_no = db.Column(db.Integer, primary_key=True)
name = db.Column(db.String, nullable=False)
username = db.Column(db.String, nullable=False)
jobIdentity = db.Column(db.String, nullable=False)
contact = db.Column(db.String, nullable=False)
resumeFile = db.Column(db.String, nullable=False)
applicant_state = db.Column(db.String, nullable=False)
transfer_status = db.Column(db.String, nullable=False)
@app.route("/")
def home():
jobRecord=job_details.query.filter(
job_details.job_status.like("opend")
).all()[0:6]
print(jobRecord)
return
render_template("index.html",jobRecord=jobRecord,userNameSess=session['nameSession'])
@app.route('/jobDetails/<string:slug>/<string:job_id>',methods=['GET'])
def jobDetails(slug,job_id):
jobDetails = job_details.query.filter(
job_details.job_id.like(job_id),
job_details.slug.like(slug)
).all()
session['jobIdSession']=jobDetails[0].job_id
return
render_template("jobDetails.html",jobDetails=jobDetails,Namesession=session['nameSession'])
@app.route("/user",methods=['GET','POST'])
def user():
if request.method == 'POST':
print("here reaches")
print(request.form)

```

```

#-----
#<|=====                               Signup                               functionality
=====|>
#-----
if "signUp" in request.form:
print("if condition true")
name = request.form['name']
email = request.form['email']
password = request.form['password']
userRecord = users.query.filter(
users.email.like(email)
).all()
userFound=len(userRecord)
if userFound<=0:
print(name+email+password)
entry=users(name=name, email=email,password=password)
db.session.add(entry)
db.session.commit()
return render_template("login.html",msg="")
else:
return render_template("login.html",msg="Username already exist pls try again!!!")
#-----
#<|=====END                               Signup                               functionality
=====|>
#-----

#-----
#<|=====                               Login                               functionality
=====|>
#-----
else:
print("else condition true")
userName = request.form['userName']
pas = request.form['pas']
print("record")
userRecord = users.query.filter(
users.email.like(userName),
users.password.like(pas)
).all()
userFound=len(userRecord)
if userFound>0 and userRecord[0].email==userName:
session['nameSession']=userRecord[0].name
session['emailSession']=userRecord[0].email
return redirect("/")

```



```

elif userName=="admin@123" and pas=="admin@123":
    session["adminSession"]=userName
    return redirect("/adminPanel")
else:
    return render_template("login.html", msg="Invalid username and password!!!")
#-----
#<|=====END          Login          functionality
=====|>
#-----
elif session.get('nameSession') is not None:
    print(session['nameSession'])
    return redirect("/")
else:
    return render_template("login.html",msg="")
@app.route("/signOut")
def signOut():
    session['nameSession']=None
    session['emailSession']=None
    session['jobIdSession']=None
    return render_template("login.html",msg="")
@app.route("/adminSignOut")
def adminsignOut():
    session['adminSession']=None
    return render_template("login.html",msg="")
@app.route("/submit-applicant",methods=['POST'])
def applicantForm():
    if request.method == 'POST':
        file = request.files['resume']
        contact = request.form['cont']
        if file and allowed_file(file.filename):
            flash('Not allowed file')
            filename=secure_filename(file.filename)
            renamefileName=session['emailSession'][0:8]+"_"+str(session['jobIdSession'])
            +"_"+str(currentDate)+". "+filename.split('.',1)[1]
            file.save(os.path.join(app.config['UPLOAD_FOLDER'],renamefileName))
            enterRec=applicant(name=session['nameSession'],username=session["emailSession"],
            jobId=session["jobIdSession"], contact=contact, resumeFile=renamefileName,
            applicant_state=resume_Verification,transfer_status=pending)
            db.session.add(enterRec)
            db.session.commit()
            mail.send_message('New message from Medigo',
            sender="ashmizashah143@gmail.com",
            recipients =[session["emailSession"]],
            body = "Your application has been successfully submitted!!!")

```

```

)
return redirect('/')
@app.route('/adminPanel',methods=['GET','POST'], defaults={'btn': None,'id': None})
@app.route('/adminPanel/<string:btn>/<string:id>',methods=['GET','POST'])
def admin(btn,id):
if session['adminSession']!=None:
if request.method=='POST':
comName=request.form['comName'].capitalize()
nameOfJob=request.form['nameOfJob'].capitalize()
jobLocate=request.form['jobLocate'].capitalize()
startDate=request.form['startDate'].capitalize()
CTC=request.form['CTC']
applyBy=request.form['applyBy']
exp=request.form['exp'].capitalize()
applicantData=request.form['applicant']
aboutJob=request.form['aboutJob'].capitalize()
skillReq=request.form['skillReq']
whoApply=request.form['whoApply'].capitalize()
numOfOpening=request.form['numOfOpening']
jobStatus=request.form['jobStatus']
slugName=request.form['slugName']
jobImage=request.files['jobImage']
addjobBtn=request.form['addJob'] if "addJob" in request.form else None
updateJobBtn=request.form['updateJob'] if "updateJob" in request.form else None
jobID=request.form['jobID']
if addjobBtn=="Add job":
if jobImage and allowed_image(jobImage.filename):
flash('Not allowed file')
filename=secure_filename(jobImage.filename)
renamefileName=slugName+"_"+str(currentDate)+". "+filename.split('.',1)[1]
jobImage.save(os.path.join(app.config['UPLOAD_IMAGE'],renamefileName))
enterRec=job_details(company_name=comName, name_of_job=nameOfJob,
location=jobLocate, start_date=startDate, CTC=CTC, apply_by=applyBy,
experience=exp,applicant=applicantData, about_the_job=aboutJob, skill_required=skillReq,
who_can_apply=whoApply, num_of_opening=numOfOpening,job_status=jobStatus,
slug=slugName, img=renamefileName)
db.session.add(enterRec)
db.session.commit()
return redirect("/adminPanel")
if updateJobBtn=="Update job":
updateRecord = job_details.query.filter(
job_details.job_id.like(jobID)
).first()
updateRecord.company_name=comName

```

```

updateRecord.name_of_job=nameOfJob
updateRecord.location=jobLocate
updateRecord.start_date=startDate
updateRecord.CTC=CTC
updateRecord.apply_by=applyBy
updateRecord.experience=exp
updateRecord.applicant=applicantData
updateRecord.about_the_job=aboutJob
updateRecord.num_of_opening=numOfOpening
updateRecord.job_status=jobStatus
updateRecord.slug=slugName
db.session.commit()
return redirect("/adminPanel")
elif btn=="edit" and id!=None:
singlejobRecord = job_details.query.filter(
job_details.job_id.like(id),
).all()
return
render_template("adminMain.html",singlejobRecord=singlejobRecord,adminSession=session
['adminSession'],stageAppliRecord="",stageSelectedjobRecord=")
else:
selectedjobRecord=[]
appliRecord=applicant.query.filter().all()
jobRecord=job_details.query.filter().all()
for i in range(0,len(appliRecord)):
selectedRecord=job_details.query.filter(
job_details.job_id.like(appliRecord[i].jobIdentity)
).all()
selectedjobRecord.append(selectedRecord)
return
render_template("adminMain.html",jobRecord=jobRecord,adminSession=session['adminSess
ion'],applicantRecord=appliRecord,selectedjobRecord=selectedjobRecord)
else:
return redirect("/user")
@app.route("/Stage/<string:stageId>",methods=['GET','POST'])
def Stage(stageId):
if request.method=='GET':
stageSelectedjobRecord=[]
stageAppliRecord=applicant.query.filter(
applicant.applicant_state.like(stageId)
).all()
jobRecord=job_details.query.filter().all()
for i in range(0,len(stageAppliRecord)):
selectedRecord=job_details.query.filter(

```

```

job_details.job_id.like(stageAppliRecord[i].jobIdentity)
).all()
stageSelectedjobRecord.append(selectedRecord)
print(stageAppliRecord)
print(stageSelectedjobRecord)
return
render_template("adminMain.html",jobRecord=jobRecord,adminSession=session['adminSession'],stageAppliRecord=stageAppliRecord,stageSelectedjobRecord=stageSelectedjobRecord,applicantRecord="",selectedjobRecord="")
@app.route("/action/<string:btn>/<string:Sno>",methods=['GET','POST'])
def commonAction(btn,Sno):
    if request.method=='GET':
        appRec=applicant.query.filter(
            applicant.s_no.like(Sno)
        ).first()
        findStage=" Resume Verification " if appRec.applicant_state=="0" else " Stage I " if appRec.applicant_state=="1" else " Stage II " if appRec.applicant_state=="2" else " HR Round/Final Round " if appRec.applicant_state=="3" else " None "
        if btn=="veiw":
            workingdir = os.path.abspath(os.getcwd())
            filepath = workingdir + '/static/resume/'
            return send_from_directory(filepath,appRec.resumeFile)
        elif btn=="approve":
            msgFrame = "<b>Hello,"+appRec.name+" </b><br><p>I hope you will be safe in the priod of covid. Your application has been approved from "+findStage+" and Forwarded to the Higher Round. I am informing you be ready for interveiw. your interveiw will tack place through your given mobile Number.</p><br> Best of Luck!!!"
            state=int(appRec.applicant_state)
            if(state<3):
                state=state+1
                appRec.applicant_state=state
                appRec.transfer_status=pending
                db.session.commit()
                msg = Message("New message from Medigo",
                    sender="ashmizashah143@gmail.com",
                    recipients=[appRec.username])
                msg.html = msgFrame
                mail.send(msg)
                return redirect("/adminPanel")
            else:
                appRec.transfer_status=approve
                db.session.commit()
                msg = Message("New message from Medigo",
                    sender="ashmizashah143@gmail.com",

```

```
recipients=[appRec.username])
msg.html = msgFrame
mail.send(msg)
return redirect("/adminPanel")
else:
msgFrame = "<b>Hello,"+appRec.name+" </b><br><p>I hope you will be safe in the priod of
covid. Your application has been rejected from "+findStage+"</p><br> Best of Luck!!!"
appRec.transfer_status=reject
db.session.commit()
msg = Message("New message from Medigo",
sender="ashmizashah143@gmail.com",
recipients=[appRec.username])
msg.html = msgFrame
mail.send(msg)
return redirect("/adminPanel")
app.run(host='localhost',port=8080,debug=True)
```

## 5.2 Snapshot

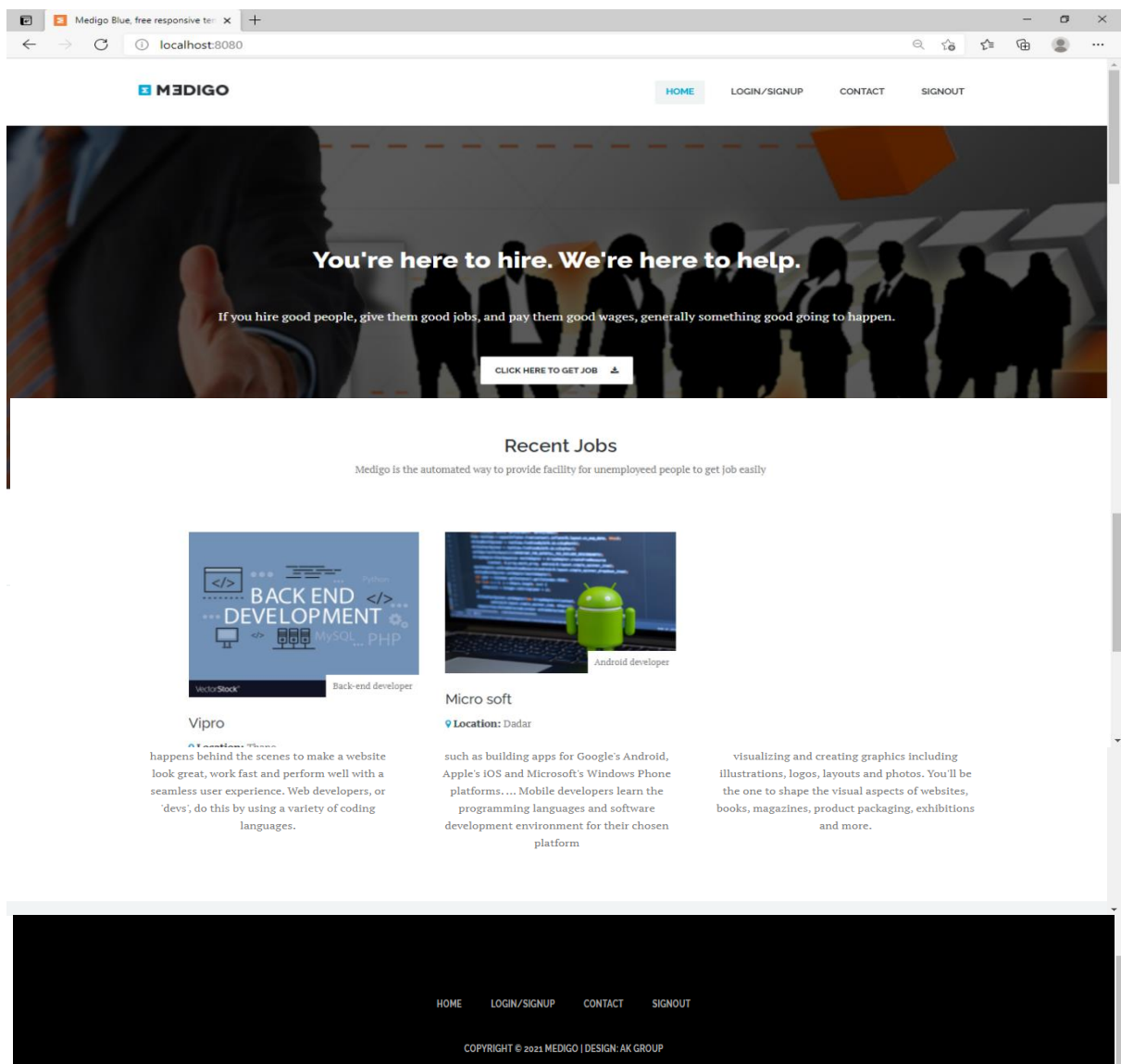


Figure 5.2.1: Home Page

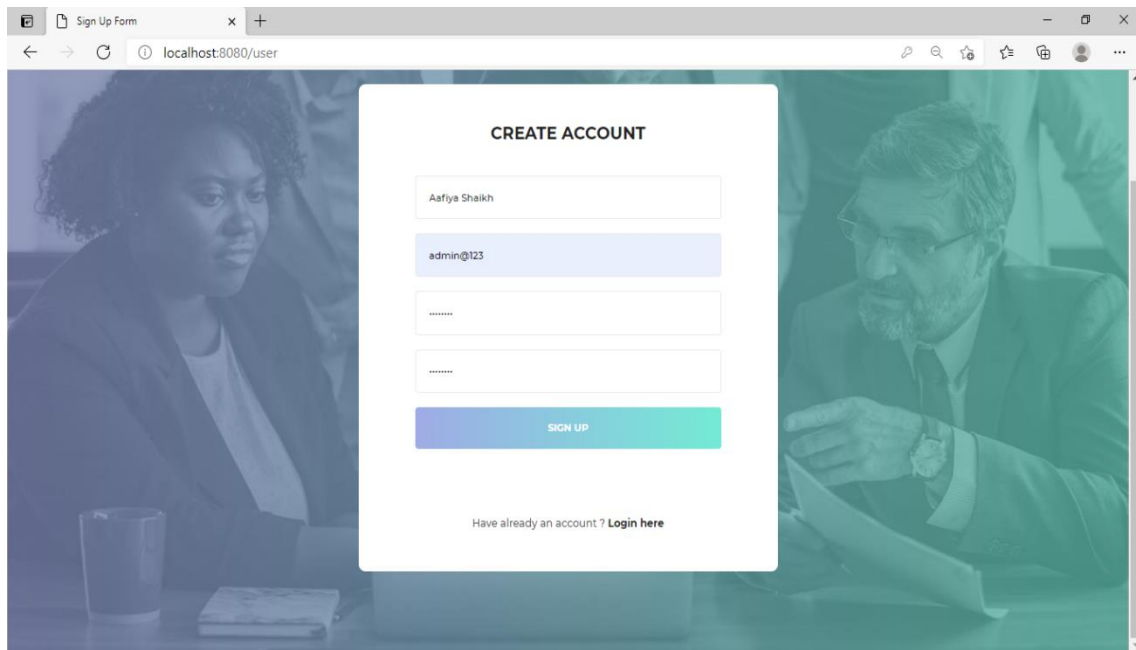


Figure 5.2.2: User Sign Up

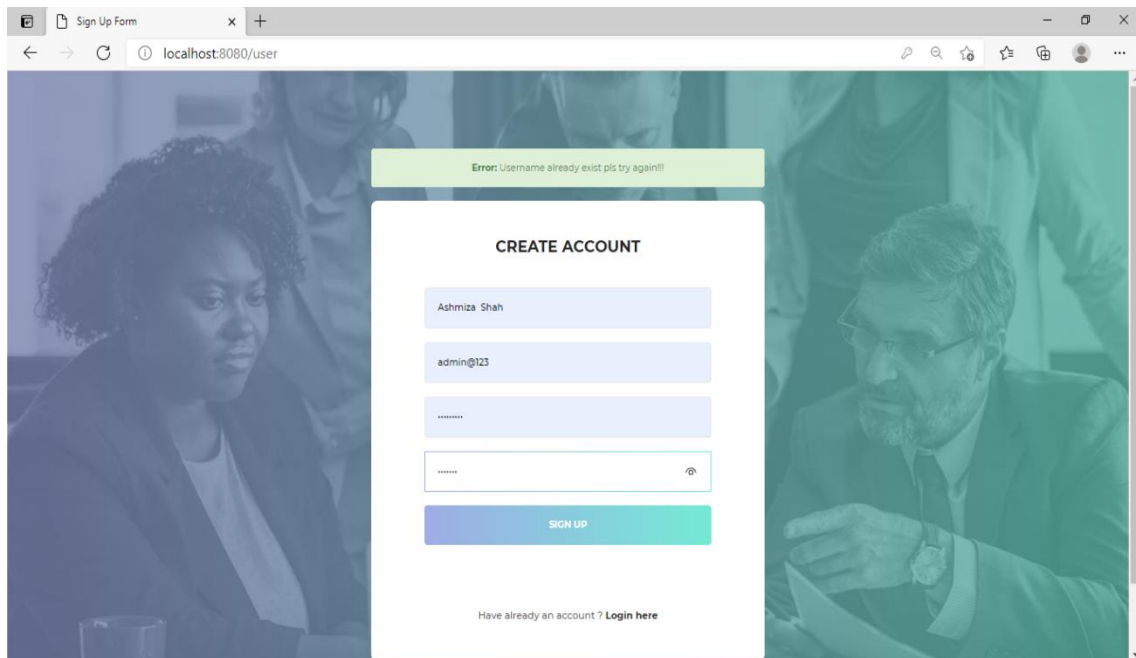


Figure 5.2.3: User Sign Up

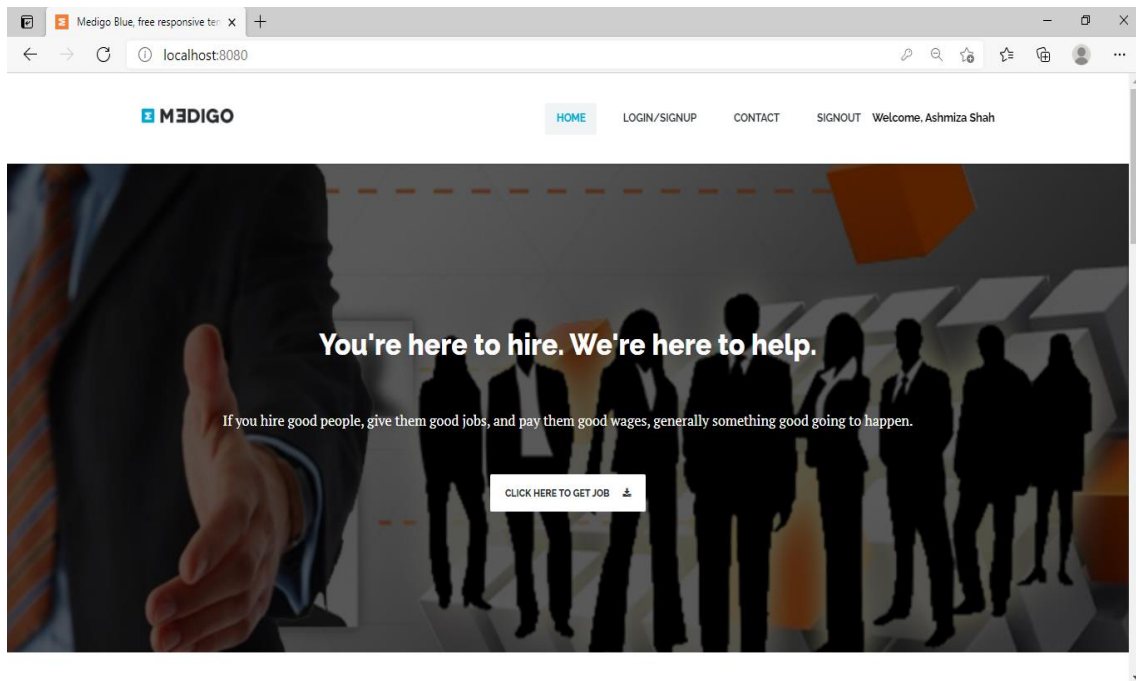


Figure 5.2.4: User Home Page

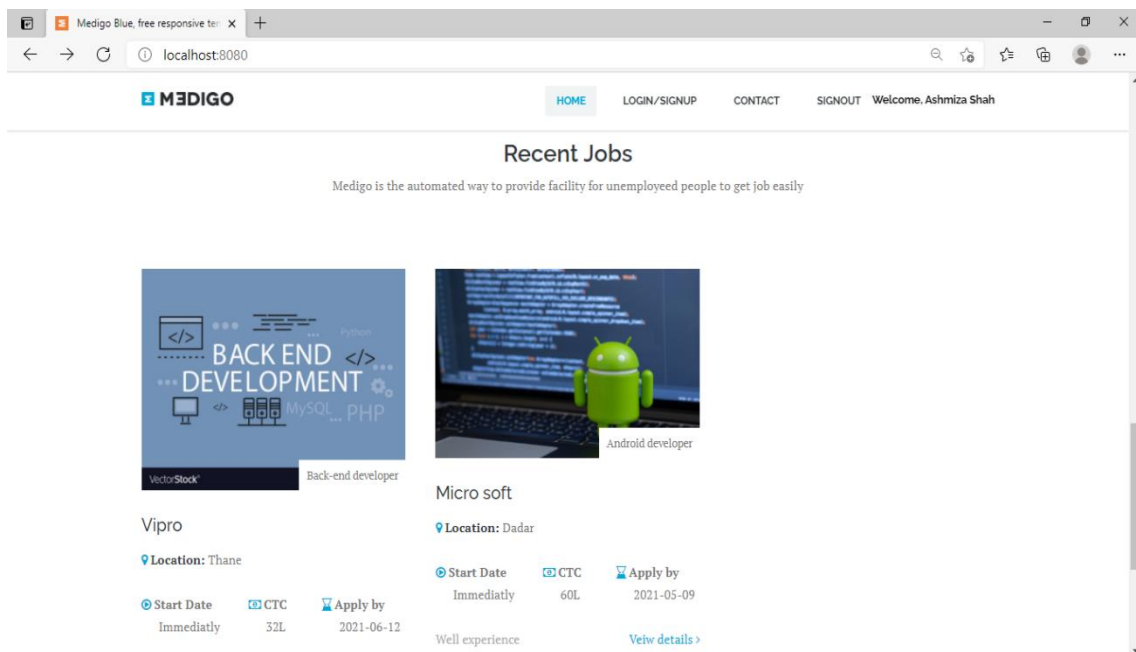


Figure 5.2.5: User Side Job View



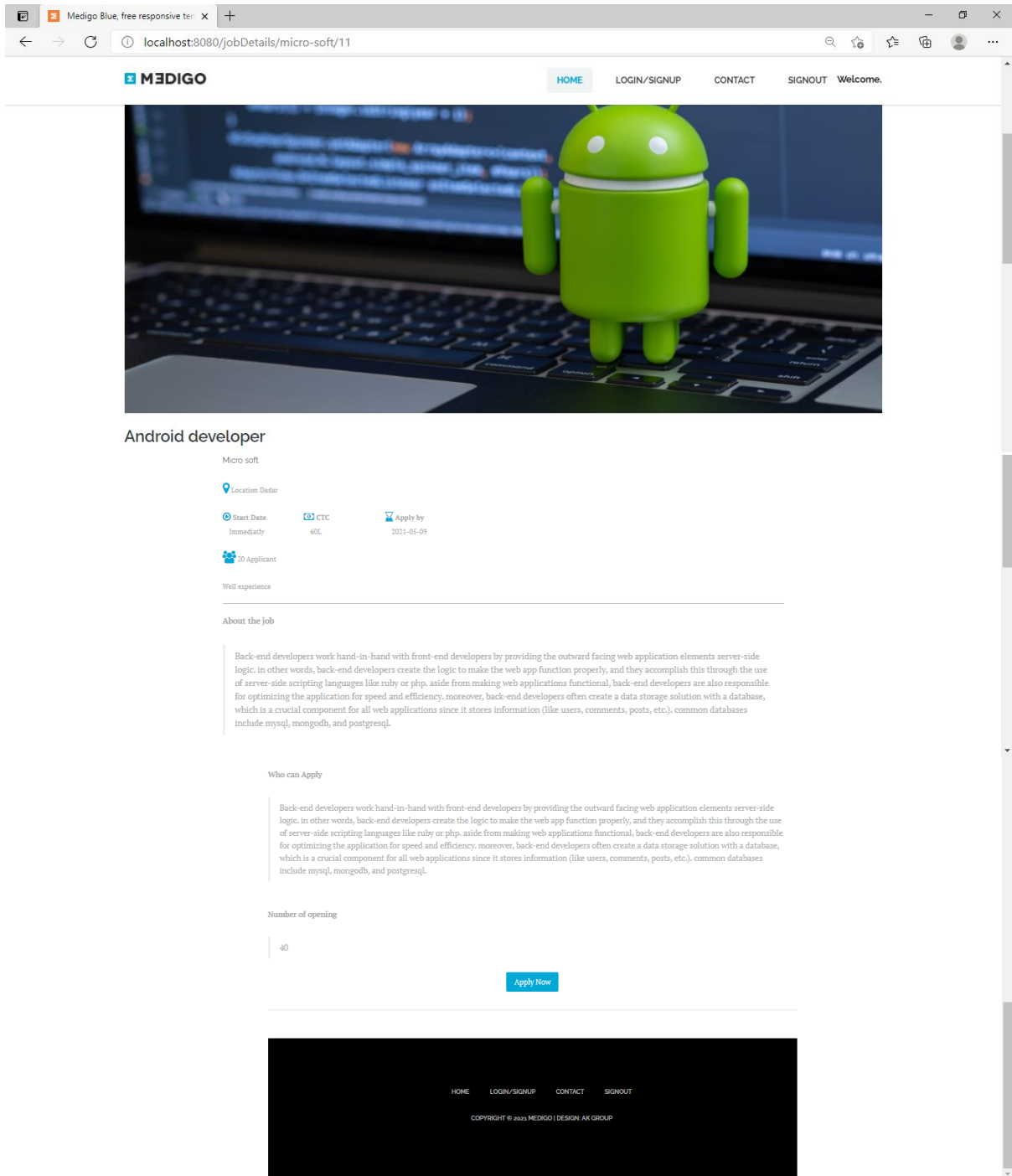


Figure 5.2.6: View Job Details

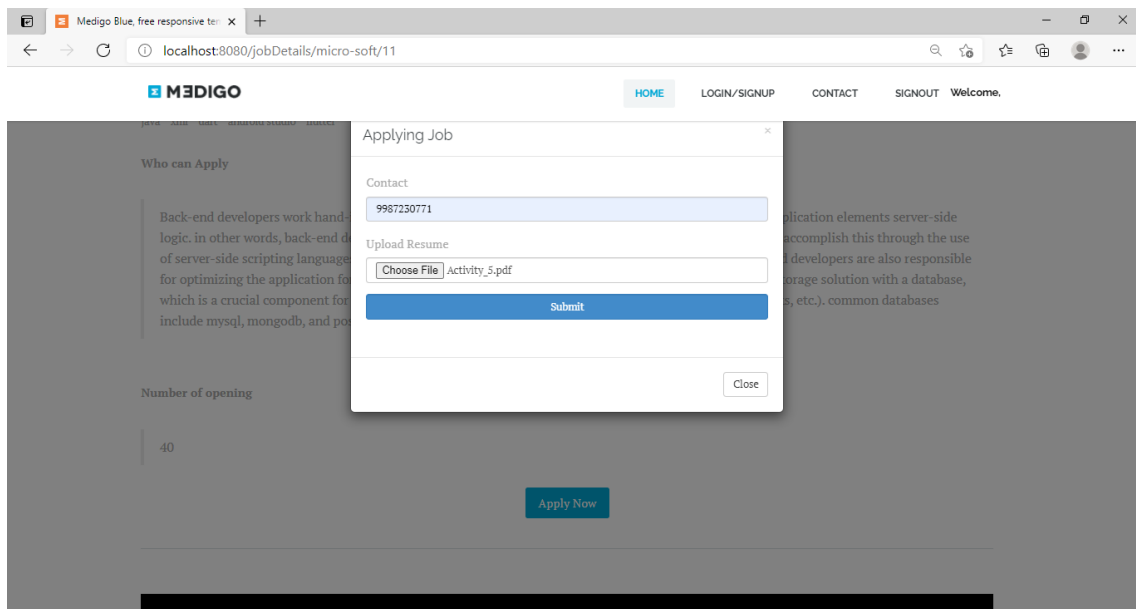


Figure 5.2.7:Applying Job

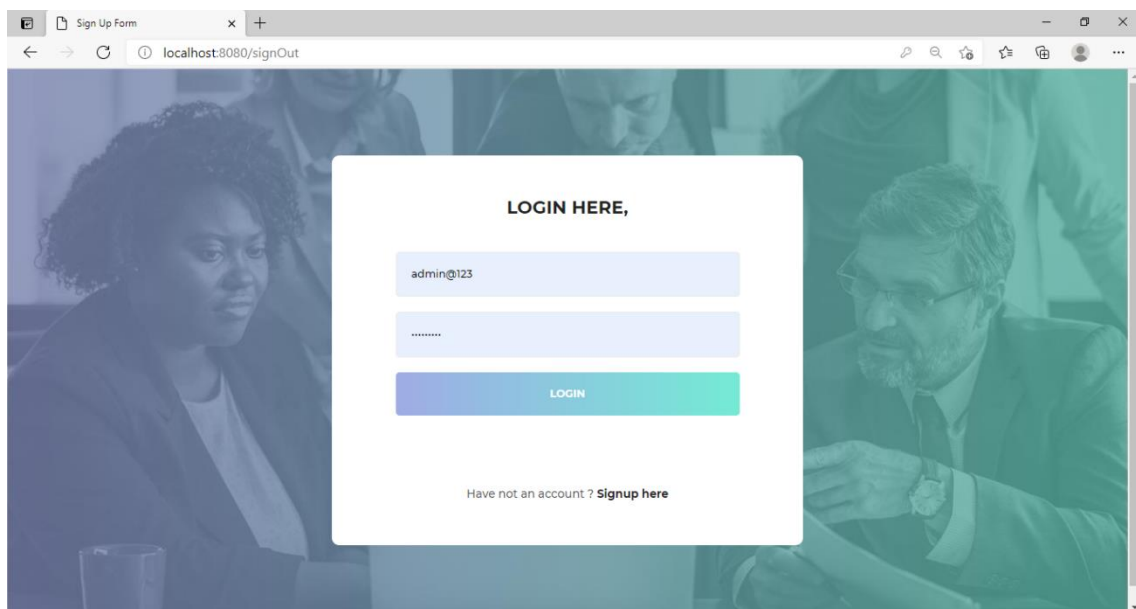


Figure 5.2.8: Admin Login

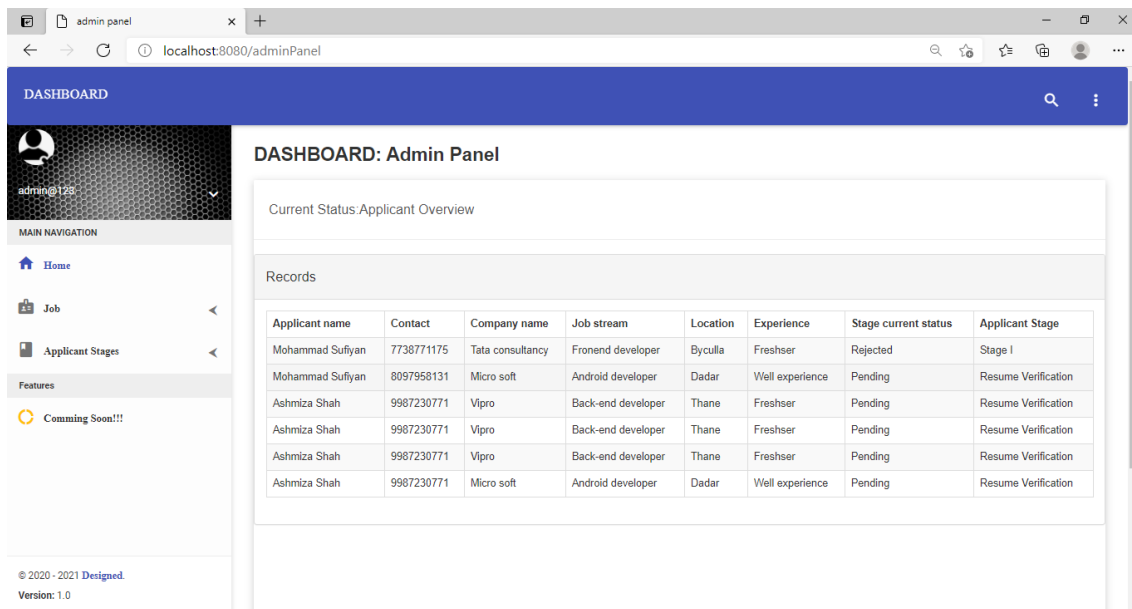


Figure 5.2.9: Admin Dashboard

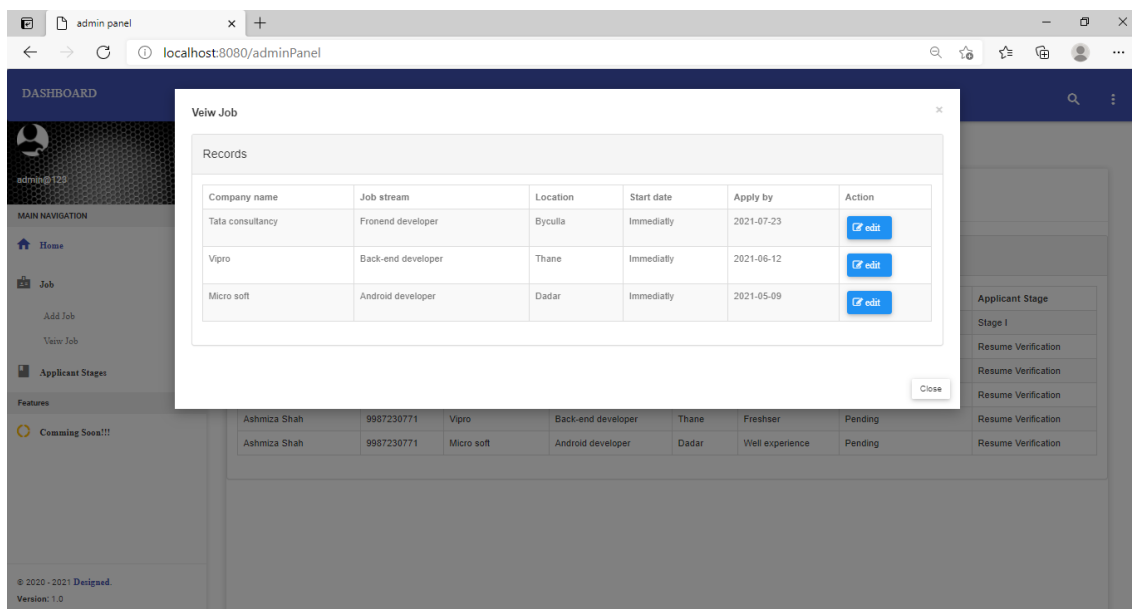


Figure 5.2.10: View And Edit Job

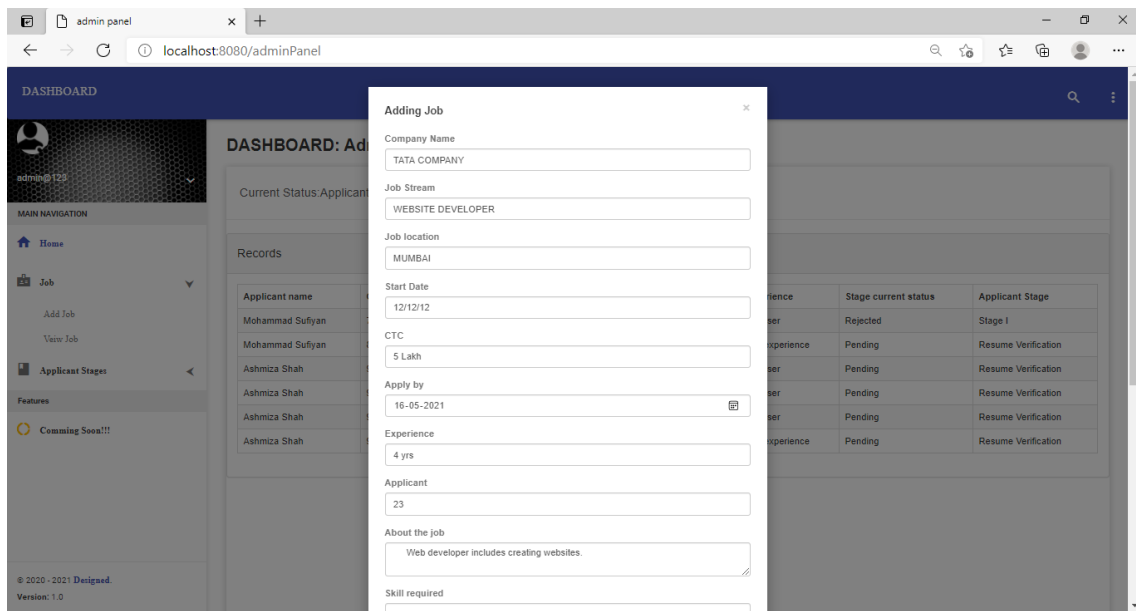


Figure 5.2.11: Adding Jobs

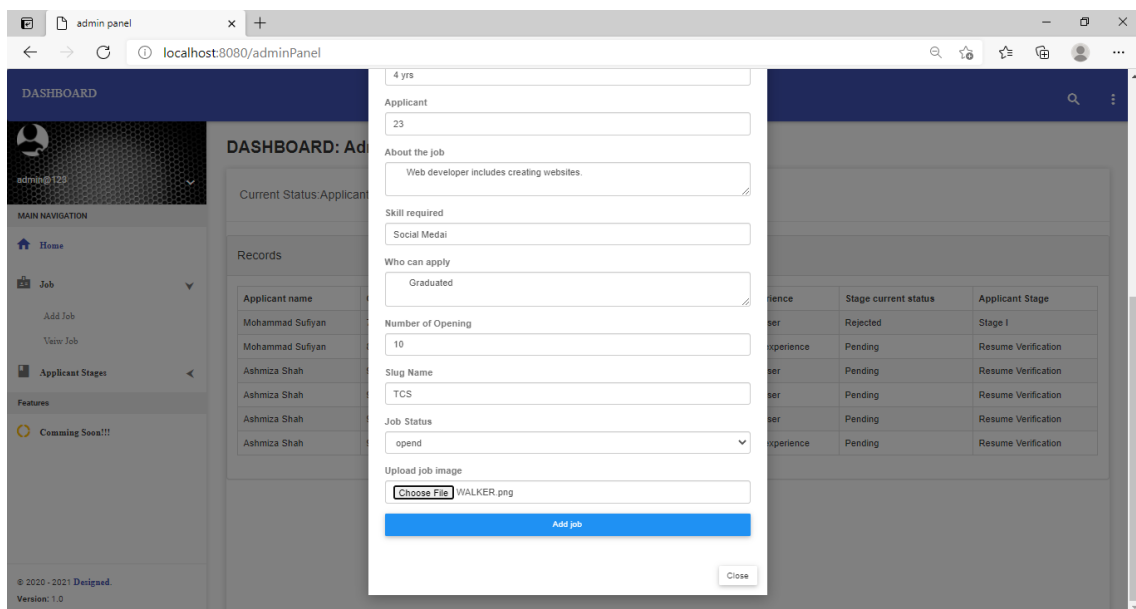


Figure 5.2.12: Adding Jobs

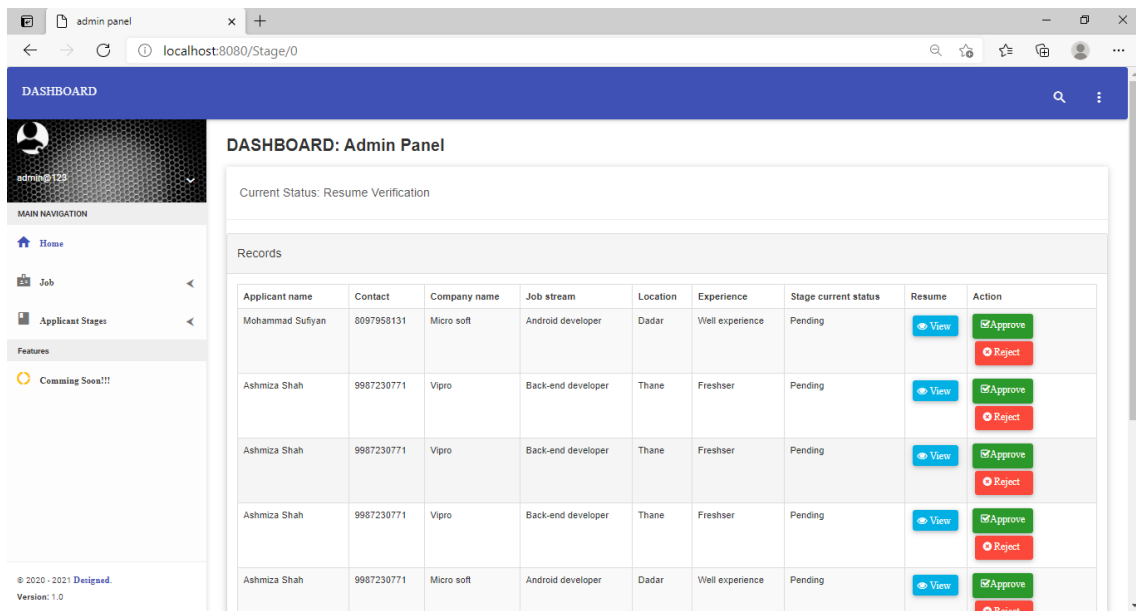


Figure 5.2.13: Resume Verification (Applicant Stages)

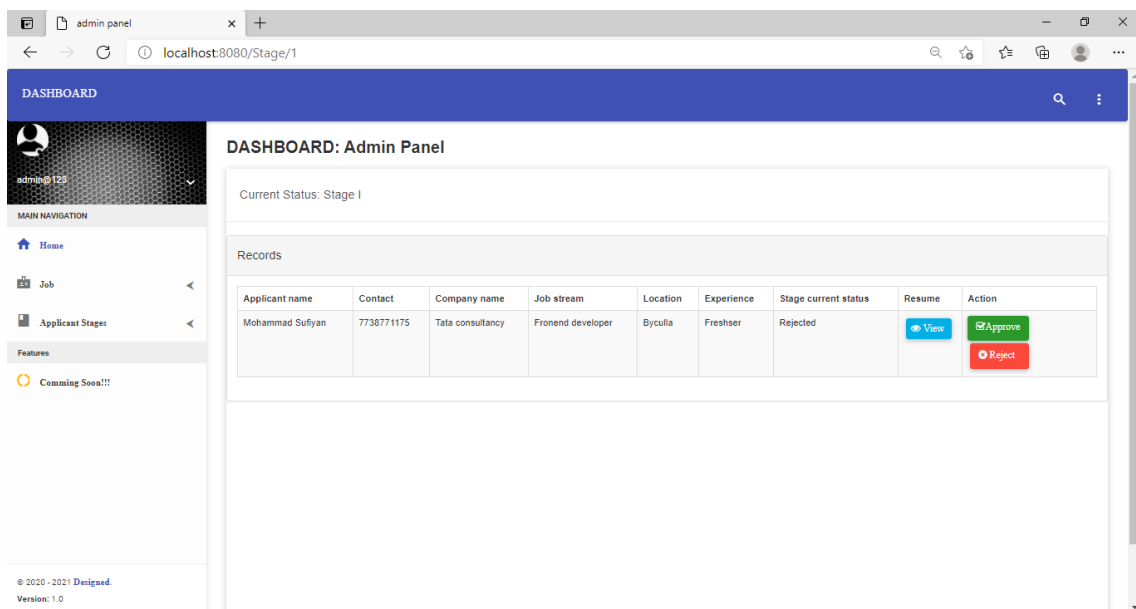


Figure 5.2.14: Stage 1 (Applicant Stages)

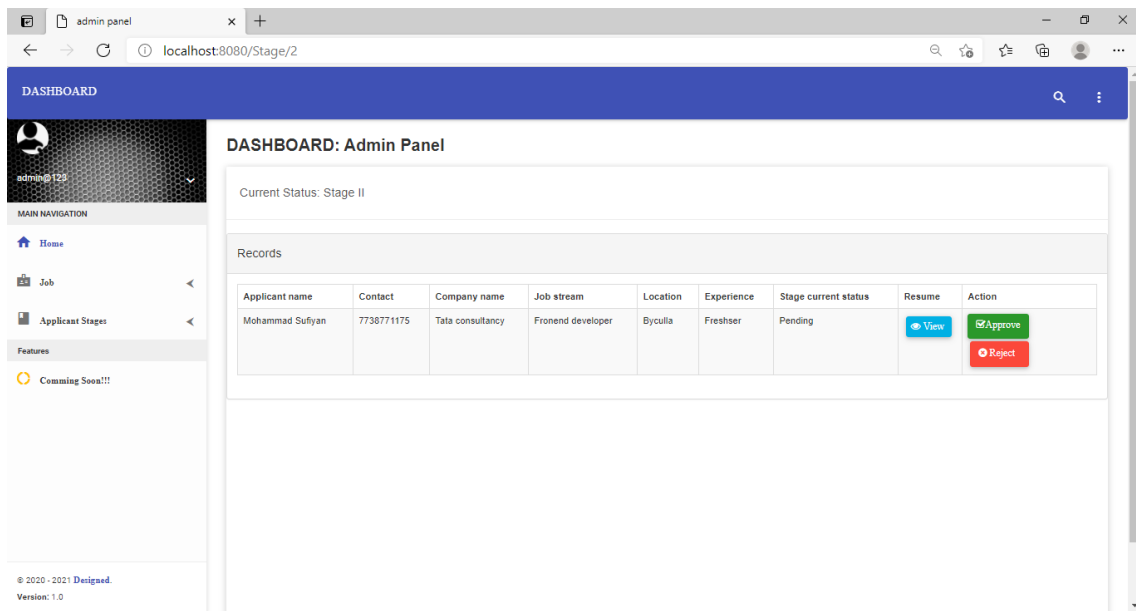


Figure 5.2.15: Stage 2 (Applicant Stages)

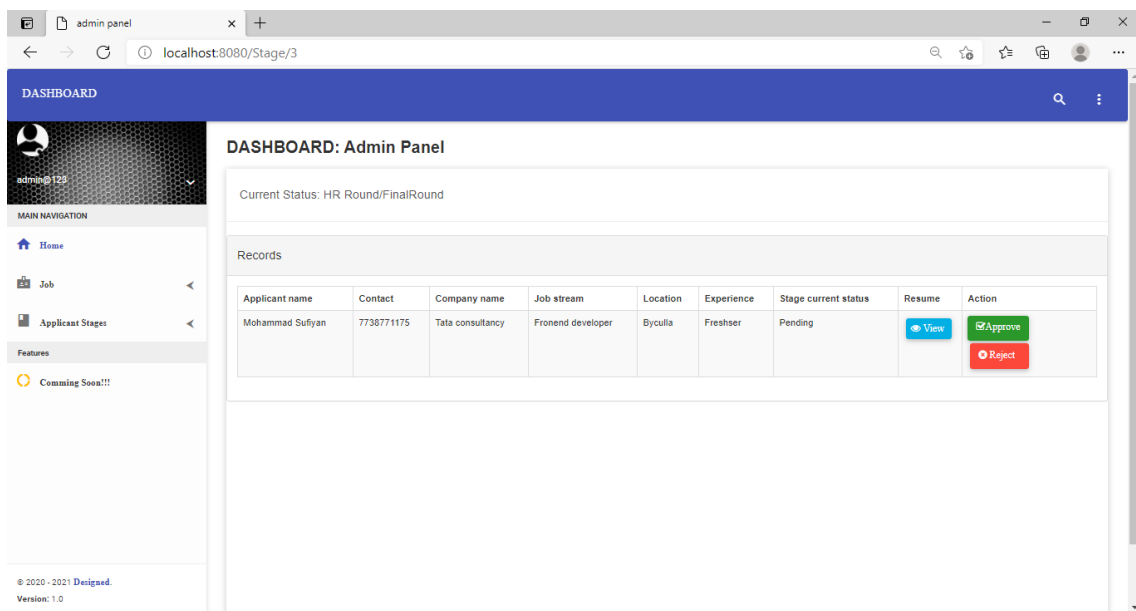


Figure 5.2.16: HR Round / Final Round (Applicant St

## Chapter 6

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