



**A  
Project Report  
On**

**“ONLINE JOB PORTAL WEBSITE”**

**COURSE: “FULL STACK WEB DEVELOPMENT”**

**SUBMITTED BY**

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# CHAPTER 1

## INTRODUCTION

### 1.1 Introduction

Introducing our cutting-edge job portal platform, the ultimate destination for employers and job seekers alike. In a rapidly evolving digital landscape, our website stands as a beacon of efficiency and effectiveness, offering employers a seamless interface to post job listings and manage applicant profiles with ease. Simultaneously, job seekers can navigate a user-centric design to find and apply for positions that align with their career aspirations, ensuring a smooth and rewarding job search experience for all parties involved.

### 1.2 Project Goal

The project goal is to develop a comprehensive online job portal that simplifies the hiring process for employers and enhances the job search experience for candidates. The platform aims to provide employers with intuitive tools for posting job listings, managing applications, and identifying top talent efficiently. Simultaneously, it strives to offer job seekers a user-friendly interface for discovering relevant job opportunities, submitting applications, and tracking their progress, ultimately fostering a seamless and rewarding recruitment journey for both parties involved.

### 1.3 Objectives

- **Enhance User Experience:** Create a user-friendly interface for seamless interaction throughout the recruitment process.
- **Streamline Recruitment Process:** Develop features for effortless job posting, application review, and candidate communication.
- **Increase Accessibility:** Ensure platform availability across devices and locations for easy job search.
- **Facilitate Effective Communication:** Implement tools for clear interaction between employers and candidates.
- **Optimize Search and Matching:** Enhance search functionalities to match job seekers with relevant opportunities.

# CHAPTER 2

## DESIGN

### 2.1 Technologies Used

#### WEB DEVELOPMENT

Web development is the work involved in developing a website for the Internet (World Wide Web) or an intranet (a private network). Web development can range from developing a simple single static page of plain text to complex web applications, electronic businesses, and social network services. A more comprehensive list of tasks to which Web development commonly refers, may include Web engineering, Web design, Web content development, client liaison, client-side/server-side scripting, Web server and network security configuration and e-commerce development.

#### HTML

HTML (Hypertext Markup Language) is the standard language used to create and design web pages. It provides the structure of a webpage by using various elements such as headings, paragraphs, images, links, and more. HTML tags are used to define different elements, and browsers interpret these tags to display content correctly.

#### CSS

CSS (Cascading Style Sheets) is a style sheet language used to control the presentation and layout of HTML documents. With CSS, you can define styles for various elements like fonts, colors, spacing, and positioning, allowing for greater control over the visual appearance of a webpage. CSS rules can be applied internally within an HTML document, externally through separate CSS files, or inline within specific HTML elements.

#### JAVASCRIPT

JavaScript is a high-level programming language commonly used to create interactive and dynamic elements on web pages. It allows developers to manipulate HTML and CSS, handle user interactions, perform calculations, validate forms, and much more. JavaScript is executed on the client-side, meaning it runs in the user's web browser, enabling real-time updates and enhanced user experiences without needing to reload the entire webpage.

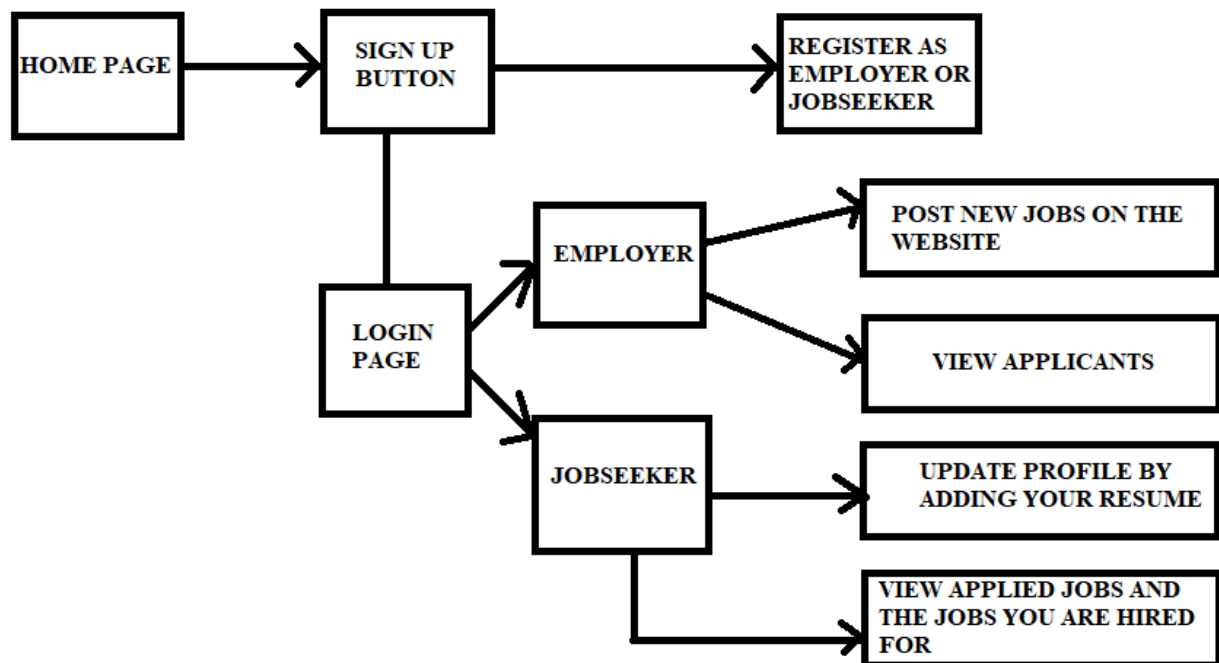
#### PHP

PHP, a robust server-side scripting language, enables the creation of dynamic web applications such as online job portals. Its extensive features and libraries facilitate seamless integration with databases and user authentication systems, making PHP an ideal choice for developing scalable and secure platforms. With its simplicity and flexibility, PHP empowers developers to build efficient and user-friendly web solutions tailored to specific needs.

# CHAPTER 3

## SYSTEM DESIGN

### 3.1 Data Flow Diagram



#### Home Page:

Displays signup options for employers and job seekers, featuring a "Sign Up" button.

#### Registration:

Users select their role and provide details to create an account.

#### Login:

Employers and job seekers log in using their credentials to access their respective dashboards.

#### Employer Dashboard:

Allows employers to post jobs, view applicants, and manage company profiles.

#### Job Seeker Dashboard:

Enables job seekers to update profiles, search for jobs, and track applications.

#### Application Process:

Job seekers apply for positions, while employers review and contact applicants.

#### Job Offer and Acceptance:

Employers extend offers, and job seekers accept within the platform.

# CHAPTER 4

## IMPLEMENTATION

### 4.1 Code Snippets

```
1 <?php
2
3 include_once('config.php');
4
5 $email=$_POST['email'];
6 $passd=$_POST['password'];
7 $query=mysqli_query($db1,"select * from login where email='$email'");
8 $result=mysqli_fetch_array($query,MYSQLI_ASSOC);
9
10 if(($result>0) && ( password_verify( $passd, $result['password'] ) )){
11     if($result['usertype']=="jobseeker")
12     {
13         session_start();
14         $_SESSION["id"] = $result['log_id'];
15         $_SESSION["type"] = $result['usertype'];
16         header('location:jobseeker/profile.php?msg=success');
17     }
18     elseif($result['usertype']=="employer")
19     {
20         session_start();
21         $_SESSION["elogid"] = $result['log_id'];
22         $_SESSION["type"] = $result['usertype'];
23         $_SESSION["status"]=$result['status'];
24         header('location:employer/profile.php?msg=success');
25     }
26 }
27 else
28 {
29     header('location:login.php?msg=failed');
30 }
```

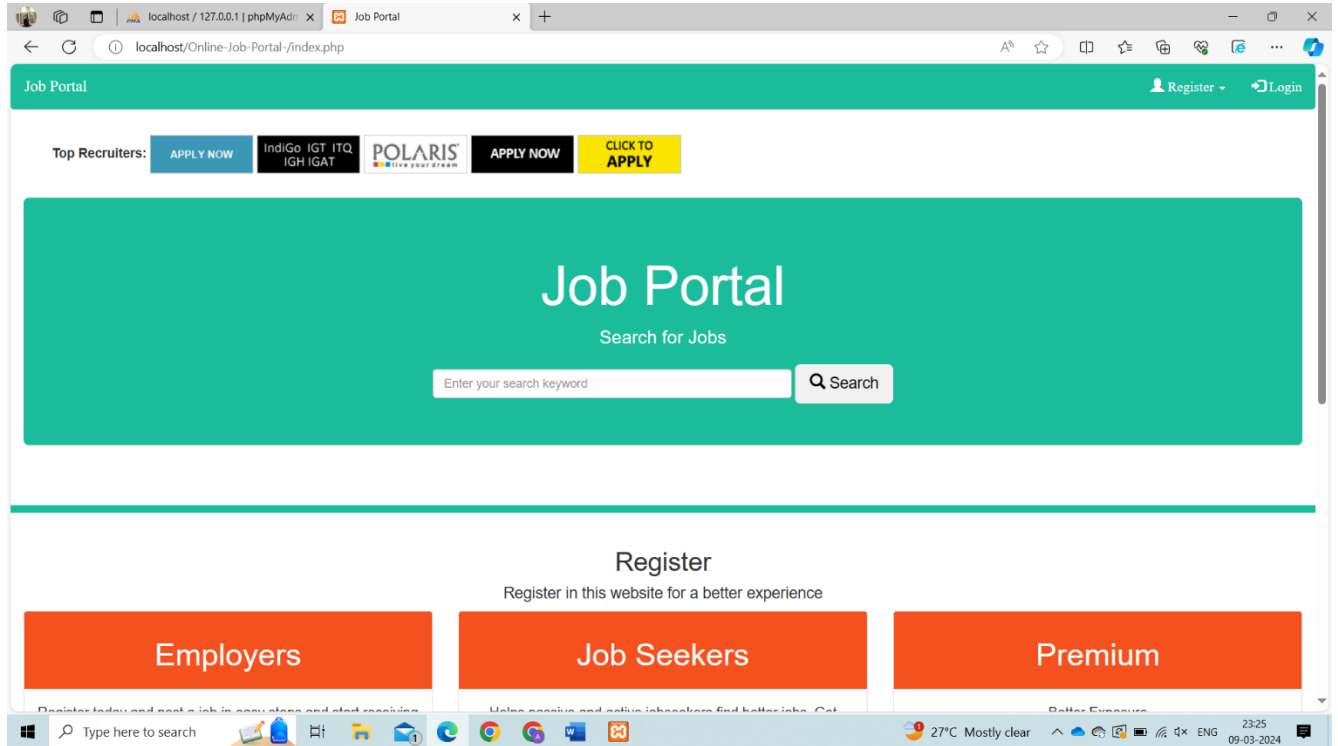
```
1 <?php
2
3 ?>
4 <!DOCTYPE HTML>
5 <html>
6 <head>
7
8     <meta charset="utf-8">
9     <meta http-equiv="X-UA-Compatible" content="IE=edge">
10    <meta name="viewport" content="width=device-width, initial-scale=1">
11
12    <meta charset="utf-8">
13    <meta http-equiv="X-UA-Compatible" content="IE=edge">
14    <meta name="viewport" content="width=device-width, initial-scale=1">
15
16    <title> Job Portal </title>
17    <script type="application/javascript">
18        $(document).ready(function(){
19
20            $(".navbar a, footer a[href='#insidenav']").on('click', function(event) {
21
22                event.preventDefault();
23
24                var hash = this.hash;
25
26                $('html, body').animate({
27                    scrollTop: $(hash).offset().top
28                }, 300);
29            });
30        });
```

# CHAPTER 5

## SNAP SHOTS

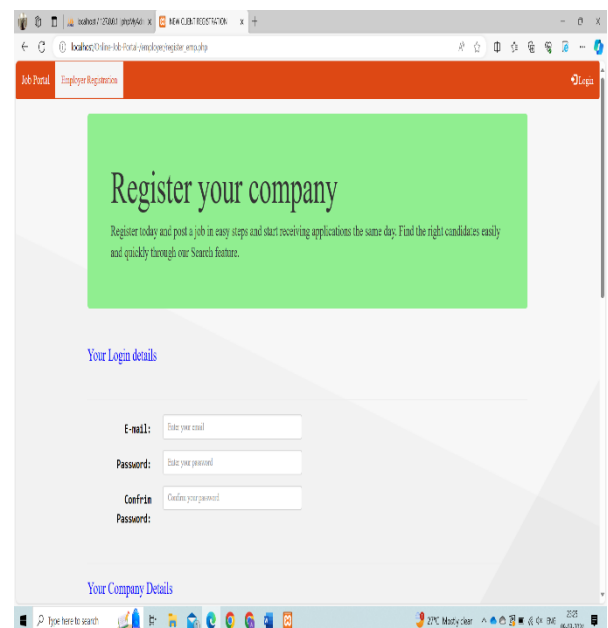
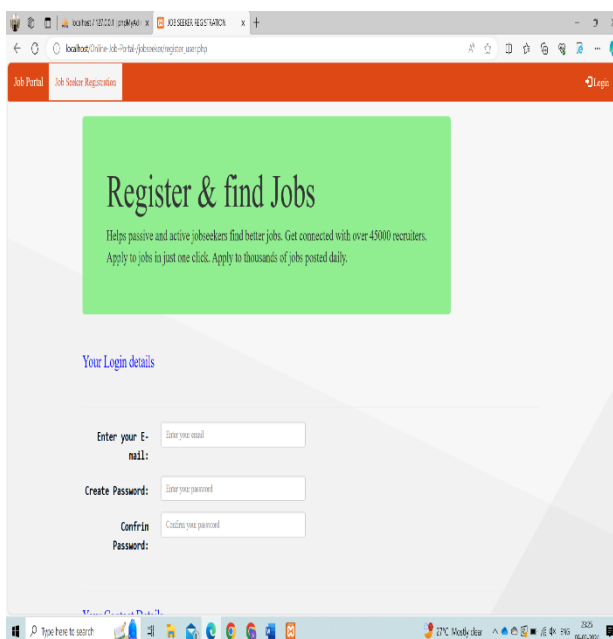
### 5.1 Home Page

The homepage of the job portal website showcases featured job listings with captivating visuals and intuitive navigation for effortless exploration.



### 5.2 Registration of Employer and Jobseeker's Page

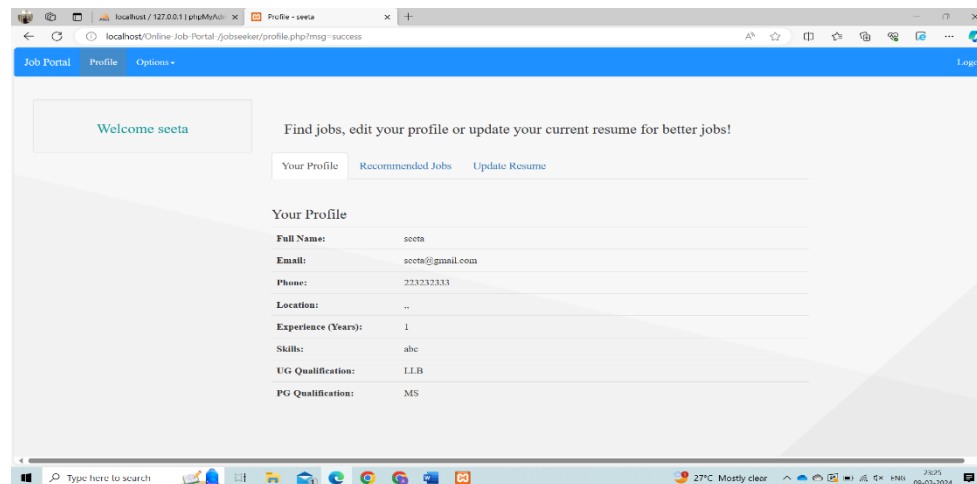
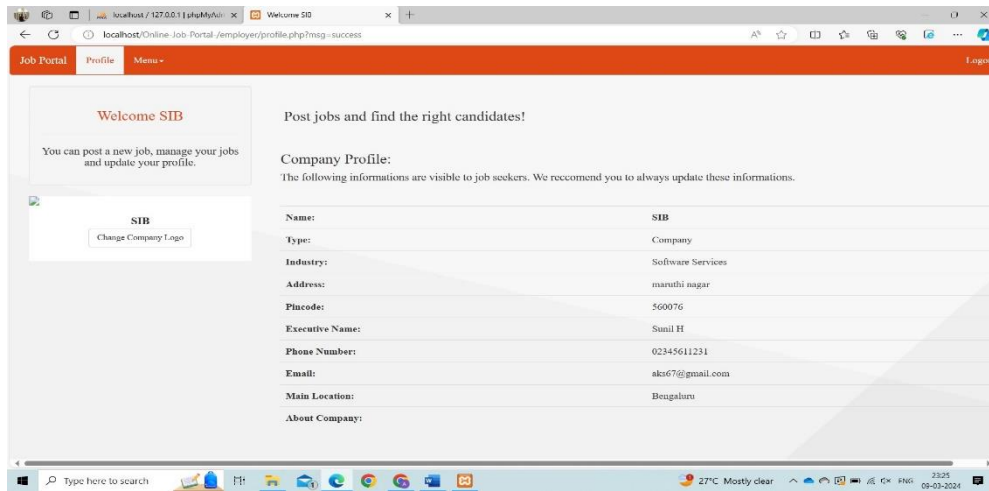
These pages are for the registration purposes of employee and jobseeker which includes their basic profile and job details.



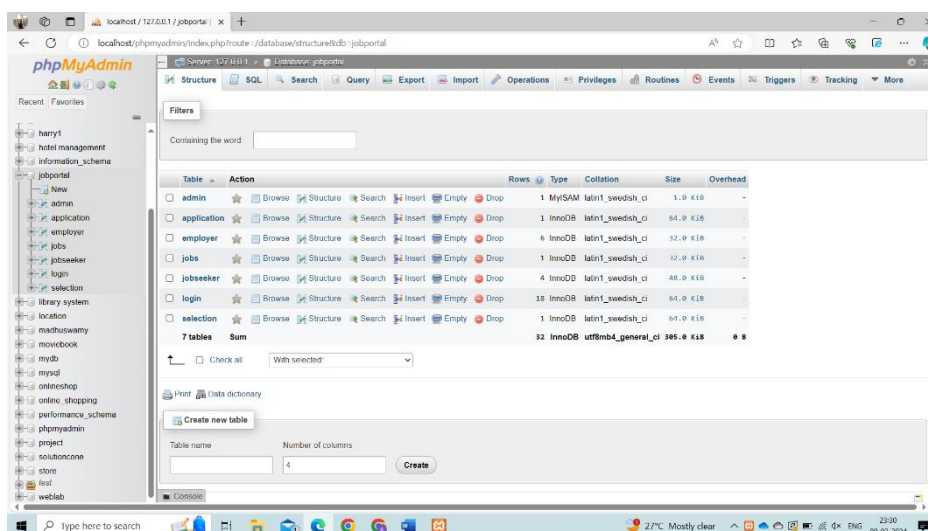


## 5.3 Employer and Jobseeker Page

The employer page provides tools for posting jobs and managing applicants, while the job seeker page offers features for updating profiles and searching for job opportunities.



## 5.4 Database



## CONCLUSION

In conclusion, the journey of developing this online job portal has been enriching, as I utilized a combination of HTML, CSS, JavaScript, PHP, and MySQL to create a robust and efficient platform. Leveraging these technologies, I have successfully designed an intuitive user interface that caters to the needs of both employers and job seekers, facilitating seamless interaction and efficient recruitment processes. Through the integration of PHP and MySQL, I have implemented dynamic functionalities such as user authentication, job posting, applicant management, and database storage, ensuring the platform's reliability and scalability. This project has not only expanded my technical expertise but also deepened my understanding of web development principles and practices within the context of job portals. Overall, the use of PHP and MySQL alongside HTML, CSS, and JavaScript has been instrumental in creating a comprehensive online job portal that promises to revolutionize the recruitment experience for employers and job seekers alike.