A Synopsis Report

On

Job Portal

Submitted to the Department of Computer Science and Engineering
In partial fulfilment of the requirements

For the degree of

Bachelor of Technology

In

Computer Science and Engineering

By

Charu Shrivastava (2100140100028)

Harsh Singh (2100140100038)

Shiva Chauhan (2100140100091)

Sudiksha Gupta (2100140100107)

Group No. 11

Guided By Mr. Akshay Jain



Department of Computer Science and Engineering

Shri Ram Murti Smarak College of Engineering & Technology, Bareilly

Dr. A. P. J. Abdul Kalam Technical University, Lucknow

August, 2024

Introduction

A job portal is a web-based platform that connects job seekers with potential employers. This document outlines the essential modules required for a robust job portal.

Modules

1. User Management Module

- User Registration: Allows individuals to create accounts as job seekers or employers.
- Login/Authentication: Implements secure login mechanisms using strong password hashing and encryption.
- Profile Management: Enables users to update personal information, contact details, resumes, and preferences.
- Role-Based Access Control: Defines permissions for different user roles (job seeker, employer).

2. Job Posting Module

- Job Creation: Employers can create and post job listings with detailed descriptions, requirements, salary, location, and other relevant information.
- Job Approval: Implements a review process for job postings to maintain quality standards.

3. Job Search Module

- Advanced Search: Enables job seekers to search for jobs based on keywords, location, job type, salary range, company, and other criteria.
- Filtering: Provides options to filter search results based on various parameters.
- Saved Searches: Allows users to save search criteria for future use.

4. Application Management Module

- Job Application: Enables job seekers to apply for jobs with cover letters and resume attachments.
- Application Tracking: Provides a system for tracking the status of job applications for both job seekers and employers.

5. Resume Management Module

• Resume Uploading: Allows job seekers to upload their resumes in various formats (PDF, DOC, etc.).

6. Employer Dashboard Module

- Candidate Management: Enables employers to review applications, and make hiring decisions.
- Company Profile Management: Allows employers to update company information, logo, and branding.

7. Job Seeker Dashboard Module

• Job Applications: Displays the status of job applications and provides tools for tracking and managing applications.