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(AUTONOMOUS)

PROJECT TITLE

23MCA245 - Mini Project

Scrum Master

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**DEPARTMENT OF
COMPUTER APPLICATIONS**



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ABSTRACT

Online Job Portal

Overview: The job portal aims to provide a platform where job seekers can browse and apply for jobs, employers can post job openings and manage applications, and administrators can manage users and site content. It leverages a modern technology stack for its robustness, scalability, and flexibility in handling web application requirements.

Modules:

1. Admin Module

○ Key Features:

- **User Management:** Manage user accounts for job seekers and employers. Role-based access control and permissions. Activity logs and user behavior tracking.
- **Job Listings Management:** Oversee and manage job postings from various employers. Ensure job listings meet platform standards and guidelines. Approve or reject job postings.
- **Site Analytics:** Generate reports on user activity, job postings, and applications. Monitor site performance and user engagement.
- **Content Management:** Manage site content including FAQs, terms of service, and privacy policies.

2. Employee Module

○ Key Features:

- **Job Search:** Browse dynamic job listings with search and filtering options. View detailed job descriptions, requirements, and application instructions. Save job searches and receive notifications for new listings.
- **Application Management:** Submit applications online with ease. Track the status of submitted applications. Upload and manage resumes and cover letters.
- **User Profiles:** Customizable profiles with personal information. Update personal details and keep track of job applications. Add skills, certifications, and portfolio links.

- **Job Alerts:** Set up job alerts to receive notifications for new job postings matching criteria.

3. Employer Module

- **Key Features:**

- **Job Postings:** Create and manage job listings with detailed descriptions and requirements. Dynamic job listing pages with search and filtering options. Schedule and automate job postings.
- **Application Management:** Review, manage, and respond to job applications. Track application status. Filter and sort applications based on criteria.
- **Employer Profiles:** Customizable profiles with company information and branding. Update personal information, resumes, and job listings. Add company achievements, culture, and benefits.
- **Candidate Search:** Search and filter potential candidates from the database. Save and manage candidate profiles for future openings.

Technology Stack:

- **Frontend:** React.js for building responsive UI components.
- **Backend:** Node.js and Express.js for server-side logic and API development.
- **Database:** MongoDB for storing user profiles, job listings, and application data.
- **Authentication:** JWT (JSON Web Tokens) for secure authentication.

Conclusion: The job portal using this technology stack provides a modern and efficient solution for connecting job seekers with employers. It focuses on usability, security, and scalability, aiming to enhance the job search and hiring process for both parties involved.