**PLAN OF MODULES**

1. **User Authentication and Management:**

- Registration: Allow users to register as job seekers or employers.

- Login/Logout: Provide authentication functionality for users.

- Profile Management: Allow users to update their profiles, including personal information, contact details, and resume/CV upload.

2. **Job Listings:**

- Job Posting: Allow employers to post job listings, including details like job title, description, requirements, location, salary, etc.

- Job Search: Allow job seekers to search for jobs based on various criteria such as keywords, location, category, etc.

- Job Details: Display detailed information about each job listing.

3. **Application Management:**

- Apply for Job: Allow job seekers to apply for jobs by submitting their resumes/CVs and additional documents.

- Application Tracking: Provide functionality for both job seekers and employers to track the status of job applications.

- Application Review: Allow employers to review job applications and manage the hiring process.

4. **Messaging and Notifications:**

- Messaging System: Enable communication between job seekers and employers through a messaging system.

- Email Notifications: Send email notifications for important events such as new job postings, job application status updates, messages received, etc.

5. **Admin Panel:**

- Dashboard: Provide an overview of the job portal activity for administrators.

- User Management: Allow administrators to manage user accounts, including roles and permissions.

- Content Management: Enable administrators to moderate job listings, applications, and other content on the platform.

6. **Additional Features:**

- Favorites/Bookmarks: Allow job seekers to save favorite job listings for later viewing.

- Reporting and Analytics: Provide insights into platform usage, job listing performance, etc.

- Advanced Search Filters: Enhance job search functionality with advanced filtering options.

- Social Media Integration: Enable sharing of job listings on social media platforms.

- Responsive Design: Ensure the application is optimized for various devices and screen sizes.

7. **API Integration (Optional):**

- Integrate with third-party APIs for features like location-based job search, resume parsing, background verification, etc.

8. **Security Considerations:**

- Implement measures such as HTTPS, input validation, and secure authentication to protect user data and prevent security vulnerabilities.

9. **Testing:**

- Write unit tests and integration tests to ensure the reliability and correctness of the application.

10. **Deployment:**

- Deploy the application to a production server, considering factors like scalability, performance, and security.