

# Full Stack Job Portal Website

## 1. Introduction

The Full Stack Job Portal Website is designed to bridge the gap between job seekers and employers by providing a seamless platform where job seekers can search and apply for jobs online. The platform enables users to upload their resumes, filter job listings based on title and location, and track their applied jobs. The application is built using the MERN (MongoDB, Express.js, React.js, and Node.js) stack, ensuring scalability and efficiency.

## 2. Technologies Used

- Frontend: React.js
- Backend: Node.js, Express.js
- Database: MongoDB
- Authentication: Clerk
- Hosting & Deployment: Vercel, Netlify, or AWS (optional)

## 3. Features

- User Authentication:
  - Job seekers can sign up and log in using their email ID via Clerk authentication.
  - Secure authentication and session management.
- Job Listings:
  - Employers can post job openings.
  - Job seekers can browse available jobs.
  - Users can filter jobs based on job title and location.
- Job Application:
  - Job seekers can apply for jobs online.
  - Applied jobs are stored in the user's profile for future reference.
- Resume Upload:

- Job seekers can upload their resumes to their profiles.
  - Employers can view job seekers' resumes when they apply for a position.
- Job Tracking:
- Users can track their applied jobs from their profile dashboard.

#### 4. System Architecture

- Frontend: Built with React.js, ensuring a dynamic and user-friendly interface.
- Backend: Node.js with Express.js to handle API requests and business logic.
- Database: MongoDB for efficient storage of user profiles, job listings, and applications.
- Authentication: Clerk for secure login and user management.

#### 5. Workflow

1. A job seeker registers/logs in using their email ID.
2. After logging in, the job seeker can search for jobs using filters (job title, location).
3. The job seeker applies for a job, and the application is stored in the database.
4. The job seeker can upload a resume to their profile.
5. The job seeker can view applied jobs from the dashboard.

#### 6. Benefits & Impact

- Provides an intuitive and efficient job search experience.
- Streamlines job applications and tracking for users.
- Enhances security with Clerk authentication.
- Offers a structured and scalable solution using the MERN stack.

#### 7. Future Enhancements

- Integration of employer profiles and job postings.
- Real-time notifications for job updates.
- AI-based job recommendations.
- Interview scheduling system.

#### 8. Conclusion

The Full Stack Job Portal Website is a comprehensive solution that simplifies job searching and

application processes. By leveraging modern web technologies, it provides an efficient, secure, and user-friendly platform for job seekers. The implementation of features such as resume uploads, job tracking, and filtering enhances usability and makes job hunting more streamlined and accessible.