**AI Job Recruiter - A Smart Hiring System**

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**Abstract:**

The **AI Job Recruiter** is a web-based platform designed to revolutionize the hiring process by leveraging artificial intelligence to automate candidate screening, resume evaluation, and interview scheduling. This system provides an efficient and data-driven approach to talent acquisition, reducing bias and enhancing recruitment accuracy.

**Key Features**

1. **Resume Parsing & Analysis** - Extracts key information from resumes and ranks candidates based on job suitability.
2. **AI-Powered Screening** - Uses machine learning models to evaluate candidates' skills, experience, and potential fit.
3. **Automated Interview Scheduling** - Schedules interviews based on availability and company preferences.
4. **Predictive Hiring Analytics** - Provides insights into hiring trends and suggests top candidates.
5. **User-Friendly Dashboard** - Offers an interactive interface for recruiters and candidates.
6. **Integration with HR Systems** - Connects seamlessly with existing HR management software.

**User Roles**

1. **Admin**
   * Manages user access and permissions.
   * Monitors system analytics and reports.
   * Oversees the AI training and optimization process.
2. **Recruiter (HR Professionals)**
   * Posts job openings and job descriptions.
   * Reviews AI-generated candidate rankings.
   * Schedules and tracks interviews.
3. **Candidate (Job Seeker)**
   * Uploads resumes and fills out job applications.
   * Receives interview notifications.
   * Engages with AI-driven chatbots for initial screening.

**Conclusion**

The **AI Job Recruiter** provides a scalable, efficient, and intelligent hiring solution that enhances recruitment workflows. By utilizing AI for candidate evaluation and predictive analytics, organizations can make informed hiring decisions faster and with greater accuracy. This web-based platform ensures a seamless recruitment experience for both employers and job seekers, bridging the gap between talent and opportunity.