MAIN PROJECT ABSTRACT

The Project entitled "Employee Recruitment System" aims at narrowing the gap between employer and jobseekers. The existing system faces various challenges in terms of efficiency and accuracy such as managing data, missed opportunities, etc. A Modernized approach is necessary to optimize the hiring process and ensure a more streamlined and data-driven approach to candidate selection.

The proposed system uses technologies such as HTML, CSS at front-end and Python /Django at the backend, along with its versatility and robust libraries, enabling efficient data management and integration. At the core level aims at implementing Resume Automation, Interview Scheduling, etc.

The Employee Recruitment System will be organized into several modules, each focusing on different levels of recruitment.

Admin Module:

- Login and Logout
- Manage user accounts and access permissions.
- Add Employers

Candidate Module:

- Register and create a detailed candidate profile.
- Add personal information, education, work experience, and skills.
- Upload resumes, cover letters, and other relevant documents.
- Apply for Interviews.
- SMS Gateway for Notifications and Alerts.
- Search and view available job openings.

Hiring Manager Module:

- Create, edit, and manage job postings.
- Define job descriptions, requirements, and qualifications.

- Interview Scheduling.

- Application Reviewing and Shortlisting.

- Resume screening.

- Possible Machine Learning Technologies such as Job Recommendations.

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- View Candidate Profiles.