

Project Report on Hiring Manager Software

Hiring Manager Software is aimed at developing a robust and user-friendly system that enables recruiters to upload job descriptions and resumes, and automatically filters and ranks resumes based on their relevance to the given job description. It also provides Project and Professional Experiences of the applicant in structured format.

It has two components: Backend Server and Frontend Application. Both communicate using REST APIs.

Firstly, a Job is added using form provided on frontend. It sends a POST request to backend server, which saves the job in Database.

In next step, resumes are parsed and added.

Multiple Resumes are uploaded from frontend. **Multiple threads** run , one for each resume and parses its data into the given format. Then the data is saved in database. This data is further retrieved by frontend through APIs again.