

## **ABSTRACT**

### ***AI-Powered Resume Shortlisting System***

The AI-Powered Resume Shortlisting System is an intelligent recruitment tool designed to streamline the hiring process by automatically analyzing and ranking job applicants' resumes. Leveraging Natural Language Processing (NLP) and Machine Learning (ML) algorithms, the system evaluates key resume features such as skills, experience, education, and relevance to the job description. It assigns each resume a match score and shortlists the most suitable candidates, significantly reducing the manual workload for HR professionals and minimizing human bias. This system enhances efficiency, accuracy, and fairness in talent acquisition, making it a valuable asset for modern recruitment workflows.

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