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(57) Abstract :

The present invention relates to an AI-based platform for automated job recruitment screening (100). The platform comprises a resume parser (110), a skill-matching engine (120), and a behavioral analysis module (130), ensuring accurate and holistic candidate evaluation. A bias-minimization algorithm (140) enhances fairness, while a recruiter dashboard (150) provides ranked insights. The platform integrates with cloud systems (160) and employs a feedback loop (170) for continuous improvement. The invention accelerates recruitment processes, minimizes bias, and improves candidate-job alignment effectively.

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