

A Comparative Study of Interview Simulation, Assistance, and Real-Time Skill Assessment

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Abstract: *Before Artificial Intelligence (AI) was used in recruitment, the hiring process was mainly done by people. Recruiters needed to review each resume individually, conduct standard interviews, and follow lengthy evaluation procedures. This often caused misunderstandings, slow processing, and inconsistent hiring outcomes. The “AI-Driven Mock Interview” platform is designed to improve the traditional interview process by applying AI to assist and automate candidate assessment. It builds an organized recruitment workflow that saves time, lowers human effort, and increases reliability in hiring decisions. The system creates realistic interview questions related to the job role and gives immediate feedback on the candidate’s performance. It can also generate questions by analyzing a candidate’s resume and produce a detailed evaluation report. Research indicates that these AI-based systems help candidates practice more effectively by assessing their subject knowledge, speaking ability, and confidence.*

Keywords: *Artificial Intelligence*

