

Design and build an intelligent human resource management system integrating artificial intelligence to support recruitment and employee evaluation.

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Abstract: In the context of increasingly fierce competition, effective human resource management plays a crucial role. This topic focuses on the design and implementation of an intelligent Human Resource Management System (HRMS) integrated with artificial intelligence (AI). The objective is to address the challenges of recruitment and employee evaluation by building an automated system for classifying candidate resumes and supporting the competency assessment process. The research methodology includes synthesizing modern AI approaches combined with experiments on real-world data. The project is expected to bring significant improvements in recruitment performance and human resource management, thereby contributing to enhancing the competitiveness of enterprises.

Keywords: Human Resource Management System (HRMS), Artificial Intelligence (AI), Recruitment, Employee Evaluation