

Submission Summary

Conference Name

7th INTERNATIONAL CONFERENCE ON INNOVATIVE TRENDS IN INFORMATION TECHNOLOGY

Track Name

Generative AI

Paper ID

917

Paper Title

HireConnect- A Centralized Hiring Management System for Employers and Applicants

Abstract

In today's competitive job market, many existing portals fail to provide effective filtering, resume evaluation and timely communication. Employers struggle to handle large volumes of applications, identify the most relevant candidates and maintain timely communication, while applicants often use platforms that lack personalization, multilingual support and interactive tools. To overcome these challenges, a smart recruitment platform is being developed using the MERN stack (MongoDB, Express.js, React.js and Node.js) with integrated AI components. It includes secure authentication, streamlined job posting and application management, resume parsing with scoring, automated decision-making and advanced dashboards for real-time insights. Recruiters can manage applications efficiently through reporting tools, bulk operations and flexible filtering, while candidates benefit from one-click applications, status tracking, personalized dashboards and instant notifications. The platform also provides scheduled reporting, a responsive design for all devices and an integrated chatbot to guide users through the process. With its modular design, strong error handling and scalable data management, the system ensures a transparent, efficient and user-friendly hiring experience.

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Primary Subject Area

Text generation with GPT (Generative Pre-trained Transformer) models

Submission Files

ICITIIT'26 - HireConnect.docx (1.6 Mb, 12/29/2025, 3:28:53 PM)
