

Enterprise Skill Development & Recruitment Dashboard

Abstract:

The **Enterprise Skill Development & Recruitment Dashboard** is a full-stack web application designed to bridge the gap between skill development and employability. Users can independently learn and track skills through structured courses. Companies define job roles along with the required skills for each position. The system matches user-acquired skills with company-required skills to provide personalized job recommendations. A dynamic dashboard displays skill progress, learning history, and matched job opportunities for users. Recruiters can manage job roles, view skill requirements, and track potential candidates. Administrators can oversee users, courses, companies, and overall platform activity. The application employs React for the frontend, Flask for the backend, and MySQL for data management. Advanced features include skill gap analysis, progress charts, and notifications for relevant opportunities. This platform enhances career readiness while streamlining the recruitment process for enterprises.