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(AUTONOMOUS)

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Placement Portal Management System

Abstract:

The Placement Portal Management System is a web-based application developed to automate and streamline the campus placement process for students, administrators, and recruiters. The system provides a centralized platform where students can register, manage their profiles, upload resumes, view available job opportunities, and apply for jobs online. Administrators (company HRs) can log in securely, view applications related only to their company, manage student application statuses, and monitor recruitment progress efficiently.

The application is developed using the Flask web framework for backend processing and MySQL as the database for secure and structured data storage. Role-based access control is implemented to separate student and admin functionalities, ensuring data privacy and security. Features such as profile photo uploads, resume management, application tracking, and company-specific dashboards enhance usability and professionalism.

This system reduces manual effort, improves transparency, prevents data duplication, and enables efficient handling of placement activities, making it suitable for real-world academic and institutional use.

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