**Abstract**

**Project Name:** Placement Cell Website

**Objective:** The objective of a Placement Cell website is to seamlessly connect students with prospective employers, fostering a dynamic interface for job and internship placements. By providing a centralized platform for job listings, resume submissions, and communication between students and companies, the website aims to enhance the efficiency of the placement process.

**Technologies Used:** Spring Boot, Spring MVC, Spring Security, Spring JPA, Hibernate, PostgreSQL, React, Recoil State management, Tailwind CSS, Postman

**Project Description:** The Placement Cell website, powered by Spring Boot, Spring MVC, and Spring Security, is designed for seamless interaction between students, the Training and Placement Officer (TPO) admin, and recruiting companies. Utilizing Hibernate and PostgreSQL for data management, it offers a secure platform for students to create profiles, submit resumes, and apply for job opportunities. React with Recoil State management ensures a responsive and intuitive user interface, complemented by the aesthetic appeal of Tailwind CSS. Admins can efficiently manage company information, schedule events, and oversee the placement process. Postman is employed for robust API testing. The website serves not only as a placement portal but also as a comprehensive resource for career development. It optimizes data security and interaction reliability. Overall, it fosters a dynamic and efficient placement experience.

**Key Components and Features:**

1. User Information
2. Admin Information
3. Companies Descriptions
4. Study Material
5. Companies wise Question
6. Announcement Dashboard
7. Placement Records
8. Alumni Network

**Conclusion:** In conclusion, the Placement Cell website, built with Spring Boot and React, achieves a seamless integration of a robust backend and dynamic frontend. Leveraging Spring Boot ensures efficient data management, while React provides a responsive and user-friendly interface. Looking forward a feedback mechanism for continuous improvement, and advanced reporting features for in-depth placement insights. This project sets a solid foundation for an innovative and effective placement management system.