



# ACE



## Engineering College

An AUTONOMOUS Institution

DEPARTMENT OF CSE –DATA SCIENCE

### II B.TECH– II SEMESTER SRP/RRP PROJECT

#### Title: Job Hunt- Extracting opportunities from the web

**Problem Statement:** Design and develop a web application which web scrapes the jobs in different web portals and notifies the user about job applications.

**Abstract:** The increasing demand for job opportunities there is the need for efficient data retrieval from online job portals such as LinkedIn and Indeed.

This project focuses on Designing and developing a web application which web scrapes the jobs in different web portals and notifies the user about job applications based on user's choice.

Web scraping application plays a major role in this project which is capable of systematically retrieving job postings from LinkedIn/Indeed. We plan to achieve this by using Python libraries such as BeautifulSoup and Scrapy to get the data, which is backend. HTML and CSS is used for structuring the website and extract relevant information such as job titles, descriptions, locations, and application deadlines. The scraping tool successfully retrieves job listings from the Job Portal and organizing them into a structured format for the users. The extracted data includes essential details required by job seekers and recruiters, providing a overview of available opportunities.

**Synopsis:** By automating the process of gathering job listings from Web portals, our scraping tool efficiently does the search process for users and facilitates data-driven decision-making for recruiters and job seekers. The project underscores the significance of web scraping in accessing valuable information from online sources, providing the way for enhanced efficiency and effectiveness in the job market.

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