**Title: -** Resume Parser using NLP.

**Objective: -**

For information extraction, NLP model will be configured and reconfigured.

A system for uploading resumes will be developed.

The unstructured data will be transformed into structured form.

**Abstract: -**

Agencies and various high-level firms must deal with a large number of new jobs seeking people with various resumes. However, managing large amounts of text data and selecting the best-fit candidate is more difficult and time-consuming. This paper provides an overview of an ongoing Information Extraction System project that helps recruiters in identifying the best candidate by extracting relevant information from the resume.

This project presents a system that uses Natural Language Processing (NLP) techniques to extract minute data from a resume, such as education, experience, skills, and experience. The recruiting process is made easier and more efficient by parsing the resume. The proposed system is made up of three modules: an administration management system, File upload and parser system, and an information extraction system. The administrator will upload the applicant's resume into the system, and the relevant information will be extracted in a structured format. Using the parsed information from the Resume, HR can select the best candidate for the job based on the company's needs.