

# RESUME PARSER FOR SHORTLISTING STUDENTS

## TEAM MEMBERS:

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## **1. PROJECT DESCRIPTION:**

This project is a software for Institute whom can be used to shortlist the students according to their pointer criteria.

## **2. PURPOSE OF PROJECT:**

Identifying and categorizing the students according to their CGPA and skills. The software also gives detailed information about the Student. The input is taken as Resume provided by the user and the output is conveyed by .csv format which contains required information.

## **3. GOAL OF PROJECT:**

The main goal of this project is to shortlist the students AUTOMATICALLY by categorizing them on the basis of their CGPA and skills.

## **4. SCOPE OF THE WORK:**

This project will include functionalities as per the requirements of companies. Thus will be used by them for shortlisting the students.

## **5. REQUIREMENTS:**

Students should send their resumes as an input for the shortlisting process.

Resume parser should be able to read all resumes and should be able to categorize the students.

Software should be able to output the details of categorized students for the organization use.

## **6. TECHNOLOGIES USED:**

The programming language which is used for this so project is python. The other libraries used are pandas, PDFminer, string converter, PDF interpreter, glob and others related to text conversion. These libraries have to be installed by using pip commands.

## **7. Evaluation:**

There shouldn't be delay in the project development and all the requirements which were aimed earlier are achieved.

## 8. OPEN ISSUES AND SOLUTIONS:

1. User should send genuine data.
2. Users should send their resume name as format firstname\_lastname\_resume.pdf.
3. This resume parser works efficiently for IT students and for remaining, organization have to provide extra data required.

**Output will be in the csv format as image below:**

raw_text	num_wor	Name	phone_nu	email	email_doi	HackerRar	Codechef	LinkedinP	GithubPrc	Java_Skill	Python_Sl	C++_Skills	MySql_Ski	OracleSql	Analytics	API	CGPA	shortl
VISVESV	52	BALASUB	9.18E+09	pbs9948@gmail.com		0	0	0	0	5	0	1	2	2	0	0	7.08	Shortl
MONICA	273	Monica M	(415) 497	monica.m.comcast.n		0	0	0	0	0	3	0	1	2	1	2	7	Shortl
VISVESVA	335	Nithin Sor	9.18E+09	nithinsom@gmail.com	https://w	0	0	0	0	5	1	1	2	3	0	0	6.72	Shortl
VISVESV	284	Parvathi P	-9.5E+09	parvathipi@gmail.com		0	0	0	0	4	0	0	0	0	0	0	7.36	Shortl
VISVESVA	338	Shrikant JI	-7E+09	shrikantjh@gmail.com		0	0	0	0	3	0	0	2	2	0	0	6.36	Not SI
VISVI	458	Vrushabh	-7.4E+09	vrushabh@gmail.com		0	0	0	0	6	2	1	1	4	0	2	6.05	Not SI

**Above ShortListed students list is for pointer criteria of 7.00.**