Aena Saluja
B.Tech Cse – KIIT, Roll No. 22052357
Project Synopsis

RESUME ANALYSER
A Résumé parsing  tool that converts an unstructured form of resume data into
a structured format.

# INTRODUCTION

➢ The Main Objective of this tool is to analyze Applicant's Resume Using Resume Parser Technique and Some Algorithm .

➢ It Can be Used by any Organizations (Company/College/Individual User) that handle resume screening process.

➢ The tool keep's a track of all records into database for further admin side analysis .

➢ Provides Tips and Recommendations based on their resume .

# Advantages & Features of Proposed Tool

➢ Tracks and Sort Resume Based on Job Roles .

➢ Fast, Safe, Real -time Predictions .

➢ More Efficient Review Overall .

➢ Applicant's Side

o Applicant's can upload their resume .

o Using Parsing technique, it will fetch
- Basic Info
- Level of Expertise
- Skills
- Keys (for resume scoring)

o Using Some Algorithm, it will recommend
- Skills that can be added
- Job role you are looking for
- Your Expertise Level
- Course & Certificate  recommendations
- Resume Tips & Ideas
- Resume Overall Score
- Interview & Resume Tip (YouTube Videos)

➢ Admin Side

o Get's all the applicant data into a tabular format .

o Download data into csv file .

o Pie Chart for Predicted Field/roles according to skills .

o Pie Chart of user's experience level .

o Total Number of applicants have uploaded their resumes .

o Monthly Timeline .

o Activity Maps
■ Most Busy Day
■ Most Busy Month

#Disadvantage of Current System i.e.
(Manual Resume S creening )
➢ Time Consuming .

➢ It is challenging task to handle resume manually .

➢ Requires individual review of each resume from hiring managers

➢ The same amount of time and effort is often expelled for
candidates who are qualified as the ones who are .

#Technologies Used
➢ Frontend
o Managed By Streamlit

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➢ Database
o MySQL

➢ Programming Language
o Python3

➢ Packages (pip)
o Pandas
o Base64
o Numpy
o PyResparser
o PdfMiner
o Plotly

#Requirements
• A Laptop/Desktop
o Connected with Internet and has a browser
o Installed MySQL

• Single Network Connection
o So that other devices can connect through network URL

• A Simple Format Resume to test the tool

#Limitations of Proposed Tool
• May not give you accurate result because of different resume
formats.

#Conclusion
• A Quick and easy to use Resume Analyzer
o That analyse resume data and extract it into
machine-readable output
o Helps applicants with few recommendations.
o And helps automatically store, organize, and analyse
resume data to find the best candidate.

#Reference
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