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Resume Parser using Natural Language Processing

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Abstract: *Manual extraction of information from the resume is very difficult and time taking process. The project mainly focuses on extracting the required information from the resumes using Natural Language Processing Techniques. The large set of resumes can be parsed using this kind of system. This project helps us know about the needed and important aspects while shortlisting the candidates and also helps the companies and high-level firms to select the quality employees from the extracted information. This project also helps to improve the shortlisting the process.*

Keywords: Resume Parser, Spacy, NLTK, Natural Language Processing, JSON, Pymongo, Information Extraction, Text Cleaning, BERT algorithm, Regular Expressions.

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