PROJECT REPORT ON AUTOHIRE

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**PROJECT DESCRIPTION**

The project titled “AutoHire” is developed in Python 3.6. It takes resumes and shortlists the best candidates based on the job description specified. We have used Django REST framework. It is an open source web application framework, written in Python. RESTful services are a way of providing interoperability between computer systems on the internet.

To run this project, we have to install many libraries and modules of python such as webdriver, pickle, logging, etc. We’ve used Machine Learning and Natural Language Processing in order to shortlist the candidates on the basis of their resumes. The output is in a .csv file.

**TECHNOLOGY STACK USED**

Front End: Angular JS

Server: Python, Django and Django Rest framework

Database: SQLite

A restful web application which has two separate parts will be created .The first is the back end which will be created with Django and the Django REST framework and the second part is the front end which will be built using Angular JS.