Note: This installation process was followed for deployment on ubuntu. In case of other Linux platform, commands might be different but process should be same

1. Install python3 on system.
2. Install virtualenv
   1. Sudo apt-get install pip3
   2. Sudo pip3 install virtualenv
3. Install apache2
   1. Sudo apt-get install apache2
4. Create and Move to /resume\_parser and execute following command:
   1. virtualenv –p env /usr/bin/python3
5. Activate virtualenv. Run following command:
   1. Source env/bin/activate
6. Install requirements.txt
   1. pip install –r /path/to/requirements.txt
7. python -m spacy download en
8. sudo apt-get install antiword
9. Follow DB deployment.txt to setup database
10. Unzip and copy converter folder provided with this package to /resume-parser/
11. Unzip and copy parser folder provided with this package to /resume-parser/
12. Folder structure should be as follow:

Resume-parser

* Converter
  + converter.wsgi
  + converter
    - Com
    - Other folders
    - \_\_init\_\_.py
    - main.py
* Parser
  + parser.wsgi
  + parser
    - com
    - other folders
    - \_\_init\_\_.py
    - main.py
* env

1. change document root of apache2
   1. sudo nano /etc/apache2/sites-available/000-default.conf
   2. edit DocumentRoot and set it to /resume\_parser
   3. save and exit
   4. sudo nano /etc/apache2/apache2.conf
   5. search for following tag

<Directory />

Options Indexes FollowSymLinks

AllowOverride All

Require all denied

</Directory>

And change it to:

<Directory />

Options Indexes FollowSymLinks Includes ExecCGI

AllowOverride All

Require all granted

</Directory>

* 1. sudo systemctl restart apache2

1. Install mod\_wsgi
   1. Sudo apt-get install libapache2-mod-wsgi-py3
   2. Sudo a2enmod wsgi
2. Create configuration file in apache2/sites-availble
   1. Sudo nano /etc/apache2/sites-available/resume-parser.conf
   2. Copy config provided in resume-parser.conf provided with this package in this file and fill appropriate path in file
3. update /resume-parser/parser/parser.wsgi and /resume-parser/converter/converter.wsgi – change path
4. Enable site:
   1. Sudo a2ensite /etc/apache2/sites-available/resume-parser.conf
5. Restart apache
   1. Sudo systemctl restart apache2
6. Check url:
   1. <http://resumeparser/parser/>
      1. Response should return : Parser service running
   2. <http://resumeparser/converter/>
      1. Response should return: converter service running
7. Configure files in resume-parser/parser/parser/config
8. Configure files in resume-parser/converter/converter/config
9. End point for integration
   1. http://resumeparser/parser/parse