

Software Requirements

1. Python 3.8.6

Compatibility Versions

2. spaCy v2.3.5
3. pip v20.2.1

How to Install Python on Windows

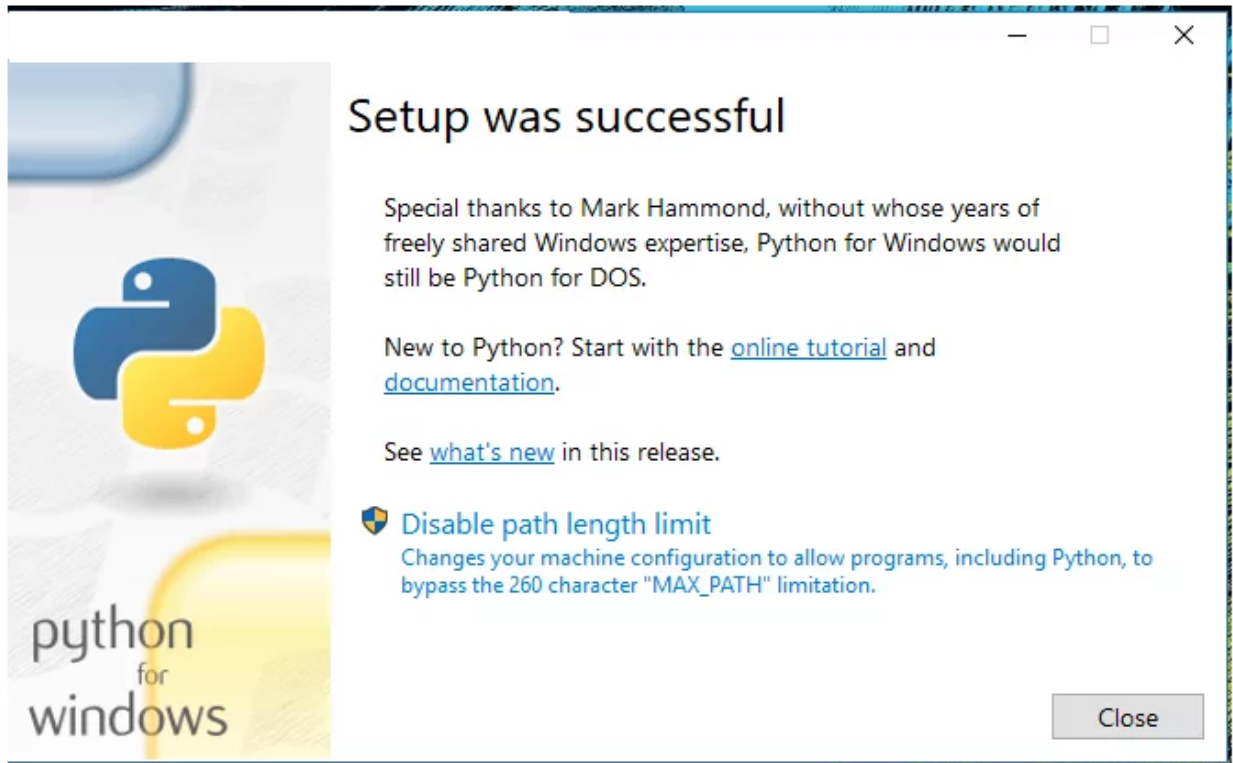
1. Download Python installer
2. Run the Executable installer
3. Add Python to PATH environmental variables

Step 1: Download the Python Installer

1. Open the [official Python website](https://www.python.org/) in your web browser. Navigate to the Downloads tab for Windows.
2. Choose the latest Python 3 release. In our example, we choose the latest Python 3.8.6 version.
3. Click on the link <https://www.python.org/ftp/python/3.8.6/python-3.8.6.exe> to download.

Step 2: Run the Executable Installer

1. Once the installer is downloaded, run the Python installer.
2. Check the **Install launcher for all users** check box. Further, you may check the **Add Python 3.8.6 to path** check box to include the interpreter in the execution path.
3. Select **Install Now**
4. Click **Next**.
5. Once the installation is over, you will see a **Python Setup Successful** window.



Step 3: Add Python to environmental variables

In the Start menu, search for “**advanced system settings**”. Select “**View advanced system settings**”. In the “**System Properties**” window, click on the “**Advanced**” tab and then click on the “**Environment Variables**” button.

Environment Variables



User variables for Administrator

Variable	Value
Path	C:\Program Files\MySQL\MySQL Shell 8.0\bin\;C:\Users\Administra...
TEMP	C:\Users\Administrator\AppData\Local\Temp
TMP	C:\Users\Administrator\AppData\Local\Temp

New...

Edit...

Delete

System variables

Variable	Value
ComSpec	C:\Windows\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
NUMBER_OF_PROCESSORS	4
OS	Windows_NT
Path	C:\Windows\system32\inetsrv;C:\Windows\system32;C:\Windows;...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PM2_HOME	C:\Pm2\.pm2



Click edit button

New...

Edit...

Delete

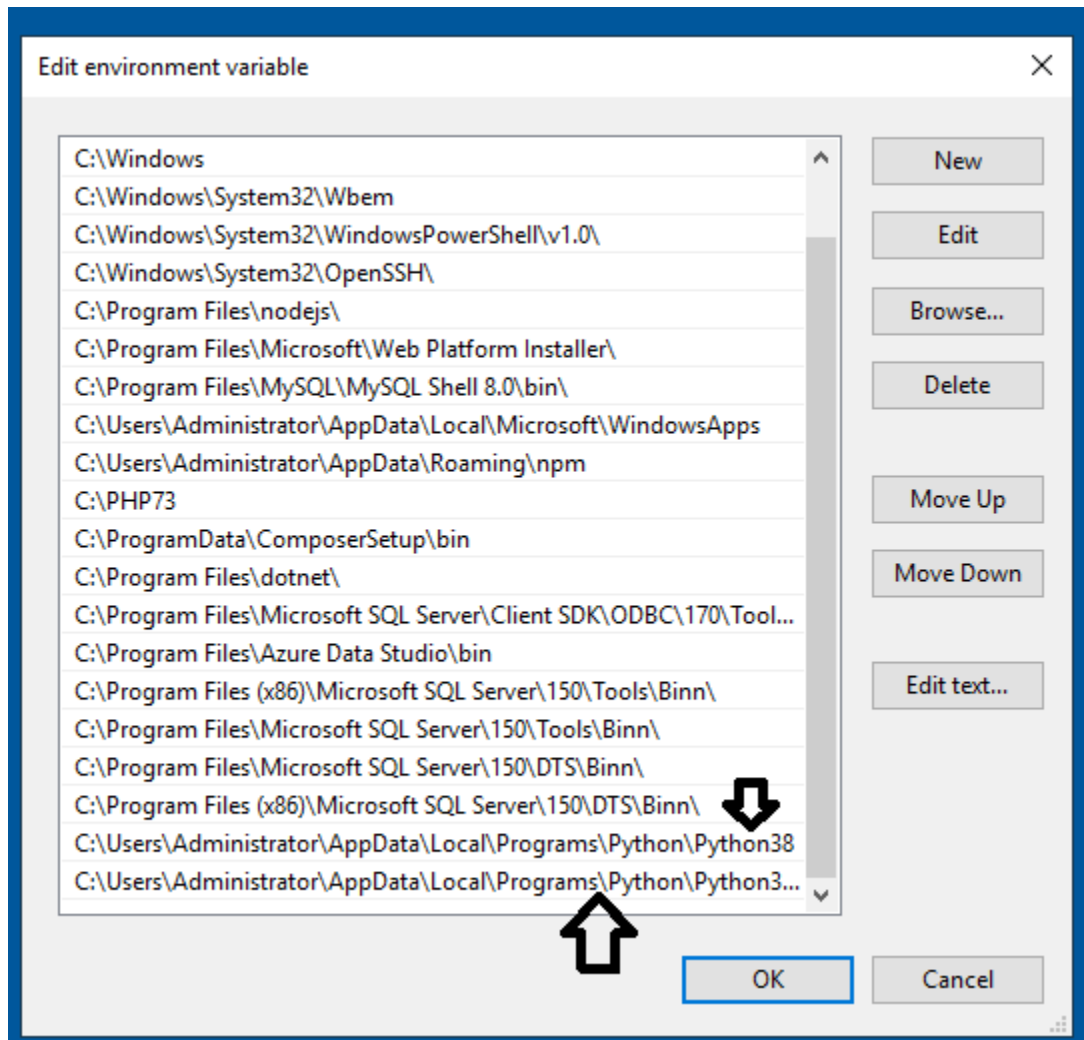
OK

Cancel

Click **"New"** button add two line below

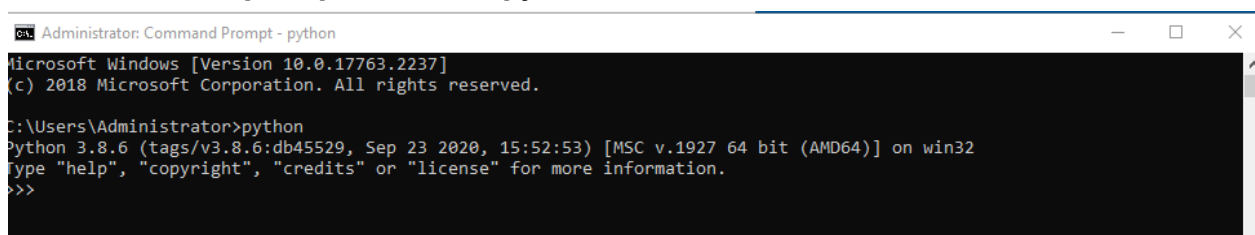
C:\Users\Administrator\AppData\Local\Programs\Python\Python38

C:\Users\Administrator\AppData\Local\Programs\Python\Python38\Scripts\



After added successfully close the all windows

Go to Command prompt check the python is installed or not



***** Start AI Application *****

1. Go to C drive create folder name is **AIApplicationJD** put all files inside AIApplicationJD folder

2. Open Command prompt run all commands below one by one

```
C:\Users\Administrator>cd C:\AIApplicationJD
```

```
C:\AIApplicationJD>pip install tika
```

```
C:\AIApplicationJD>pip install resume-parser
```

```
C:\AIApplicationJD>pip install nltk
```

```
C:\AIApplicationJD>pip install spacy==2.3.5
```

```
C:\AIApplicationJD>pip install
```

```
https://github.com/explosion/spacy-models/releases/download/en\_core\_web\_sm-2.3.1/en\_core\_web\_sm-2.3.1.tar.gz
```

```
C:\AIApplicationJD>pip install pyresparser
```

```
C:\AIApplicationJD>pip install uvicorn
```

```
C:\AIApplicationJD>pip install fastapi
```

```
C:\AIApplicationJD>python app.py
```

```
C:\Users\Administrator\AppData\Local\Programs\Python\Python38\lib\site-packages\spacy\util.py:275: UserWarning: [W031] Model 'en_training' (0.0.0) requires spaCy v2.2 and is incompatible with the current spaCy version (2.3.5). This may lead to unexpected results or runtime errors. To resolve this, download a newer compatible model or retrain your custom model with the current spaCy version. For more details and available updates, run: python -m spacy validate warnings.warn(warn_msg)
```

```
INFO: Started server process [10196]
```

```
INFO: Waiting for application startup.
```

```
INFO: Application startup complete.
```

```
INFO: Uvicorn running on http://10.50.201.51:4000 (Press CTRL+C to quit)
```

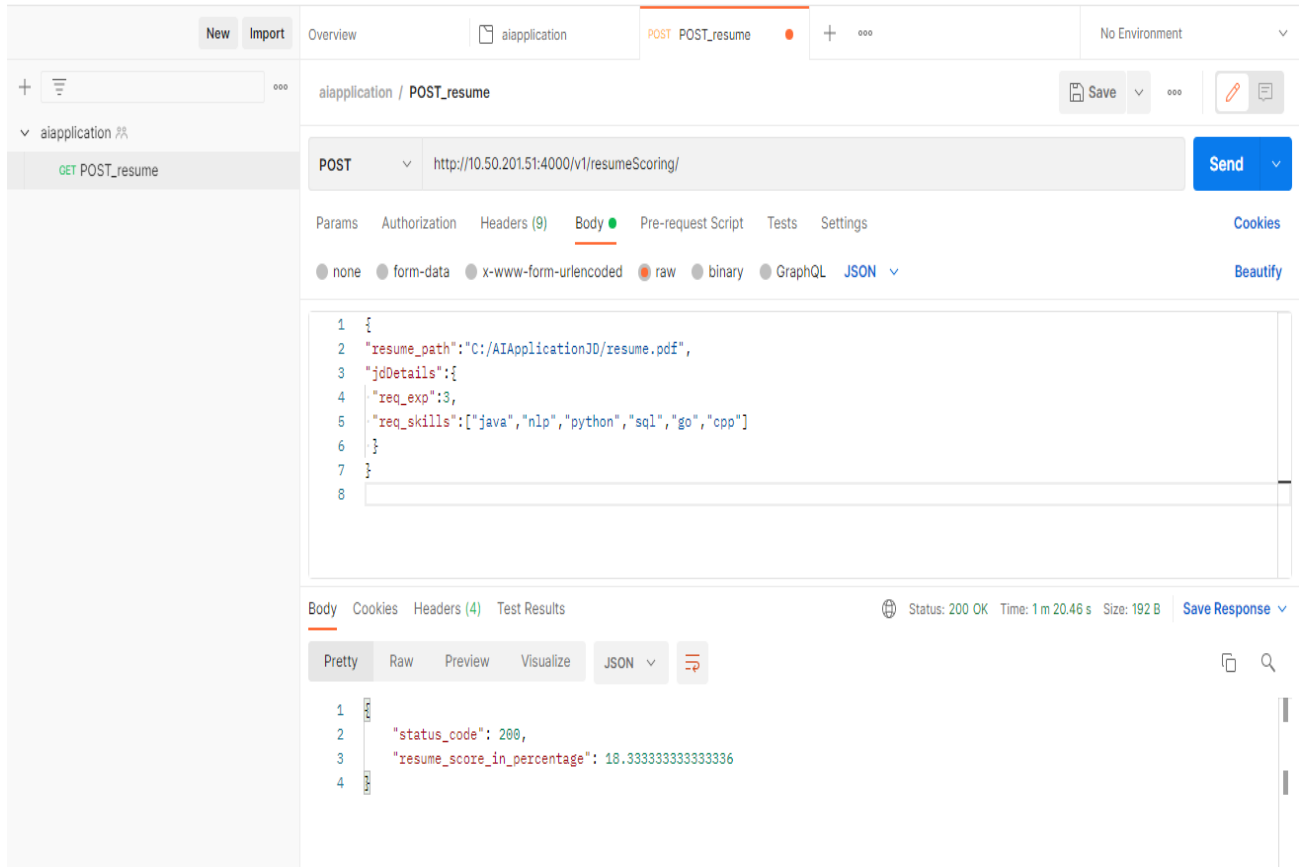
```
INFO: 10.50.201.51:53829 - "GET / HTTP/1.1" 404 Not Found
```

```
INFO: 10.50.201.51:53829 - "GET /favicon.ico HTTP/1.1" 404 Not Found
```

3. Open Postman system id address 10.50.201.51

API: <http://10.50.201.51:4000/v1/resumeScoring/>

Method: POST



Body-> raw

```
{
  "resume_path": "C:/AIApplicationJD/resume.pdf",
  "jdDetails": {
    "req_exp": 3,
    "req_skills": ["java", "nlp", "python", "sql", "go", "cpp"]
  }
}
```

```
}
```

Output:

```
{  
  "status_code": 200,  
  "resume_score_in_percentage": 18.333333333333336  
}
```

Added Process Management (pm2)

AI Application always running in background

C:\AIApplicationJD>pm2 start app.py

[PM2] Starting C:\AIApplicationJD\app.py in fork_mode (1 instance)

[PM2] Done.

id	name	namespace	version	mode	pid	uptime		
↻	status	cpu	mem	user	watching			
1	MailServer	default	1.0.0	fork	2420	8m	1	
online	0%	34.3mb	Adm...	disabled				
0	TALNETAPI	default	1.0.0	fork	6152	8m	1	
online	0%	39.3mb	Adm...	disabled				
3	app	default	N/A	fork	8340	0s	0	
online	0%	10.1mb	Adm...	disabled				