

scraper

July 10, 2025

```
[5]: pip install pandas requests ipykernel --quiet
```

Note: you may need to restart the kernel to use updated packages.

```
[1]: import numpy
import pandas
print("NumPy:", numpy.__version__)
print("Pandas:", pandas.__version__)
```

NumPy: 2.3.1

Pandas: 2.3.1

```
[2]: from scraper import URL, HEADERS
print(URL, HEADERS)
```

https://remoteok.com/api {'User-Agent': 'Mozilla/5.0 (compatible; YourNameBot/1.0)', 'Accept': 'application/json'}

```
[3]: import os
print("Working Directory:", os.getcwd())
print("Contents:", os.listdir())
```

Working Directory: c:\Users\Asus\OneDrive\Desktop\Extras\LinkedIn\Season 2\Data Analytics\10-07-2025

Contents: ['.venv', 'remoteok-scraper 1.pdf', 'remoteok-scraper.ipynb', 'remoteok-scraper.pdf', 'scraper.ipynb', 'scraper.py', '__pycache__']

```
[4]: import importlib, scraper
importlib.reload(scraper)                # force Python to re-read scraper.py
print("Module contents:", [name for name in dir(scraper) if not name.
↪startswith("_")])
```

Module contents: ['HEADERS', 'URL', 'dt', 'fetch_data', 'filter_data', 'os', 'parse_data', 'pd', 'plot_date_counts', 'plt', 're', 'requests', 'save_data']

```
[5]: from scraper import fetch_data, URL, HEADERS

# Fetch and inspect
jobs = fetch_data(URL, HEADERS)
print(f" Fetched {len(jobs)} postings, first item type:", type(jobs[0]))
```

```
# Optionally peek at the first dict
from pprint import pprint
pprint(jobs[0])
```

```

    Fetched 99 postings, first item type: <class 'dict'>
{'apply_url': 'https://remoteOK.com/remote-jobs/remote-ai-driven-engineer-ruby-
cloudwalk-1093571',
  'company': 'CloudWalk',
  'company_logo': 'https://remoteok.com/assets/img/jobs/ff4eb1df580466f0bbaf05f58
6e0d81a1752019209.png',
  'date': '2025-07-09T00:00:09+00:00',
  'description': '<p><b style="font-size: 11.5pt">About '
    'CloudWalk:</b></p><p><span style="font-size: 16px">We are not '
    'just another fintech unicorn. We are a pack of dreamers, '
    'makers, and tech enthusiasts building the future of payments. '
    'With millions of happy customers and a hunger for innovation, '
    'we're now expanding our neural network - literally and "
    'metaphorically.</span></p><p><br></p><p>Now, we are looking '
    'for engineers eager to shape the future, not just through '
    'code but with intelligence. Are you passionate about '
    'exploring how AI can elevate software engineering to new '
    'heights? This is your moment.</p>\n<p></p><p><br></p><b>What '
    'You'll Be Doing:</b><ul><li>Develop backend applications for "
    'KYC processes and banking operations;</li><li>Prepare and '
    'submit regulatory reports to the Brazilian Central Bank '
    '(Bacen);</li><li>Develop and maintain comprehensive automated '
    'test suites;</li><li>Debug and resolve complex production '
    'issues;</li><li>Analyze customer profiles for risk management '
    'and onboarding;</li><li>Collaborate closely with '
    'cross-functional teams, including business stakeholders and '
    'other engineering teams;</li><li>Mentor and develop other '
    'engineers, contributing to team growth and technical '
    'excellence;</li></ul><p><br></p><b>What You Need To '
    'Succeed:</b><ul><li>Proficiency in Ruby on Rails '
    'development;</li><li>Strong systems architecture and '
    'coding/scripting skills;</li><li>Experience with '
    'service-oriented architectures and complex distributed '
    'systems at scale;</li><li>Deep understanding of the Brazilian '
    'financial ecosystem and regulatory '
    'requirements;</li><li>Familiarity with event-driven '
    'architectures and messaging systems (Kafka);</li><li>Advanced '
    'English communication '
    'skills;</li></ul><p><br></p><p></p>\n<p><b style="font-size: '
    '16px">The Future We See:</b></p><p><br></p><p>At CloudWalk, '
    'we envision a future where AI empowers every field to reach '
    'new heights:</p><p>â\x80¢ People teams leveraging AI to '
    'transform talent acquisition and employee '
    'development.</p><p>â\x80¢ Marketing professionals creating '

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'data-driven, AI-powered campaign strategies.</p><p>â\x80¢ ' Customer Success teams enhancing client experiences with ' intelligent solutions.</p><p>â\x80¢ Risk analysts combining ' human expertise with AI to navigate ' complexities.</p><p>â\x80¢ Designers collaborating with AI to ' push creative boundaries.</p><p>
</p><p>Join us at CloudWalk, where ' weâ\x80\x99re not just engineering solutions; weâ\x80\x99re ' building a smarter, AI-driven future for ' paymentsâ\x80\x94together.</p><p>
</p><p>By ' applying for this position, your data will be processed as ' per Cloudwalk's Privacy Policy that you can read <a " href="https://drive.google.com/file/d/1dP7LPag4YbeM-BgiAw2H3yCvfLIveJHY/view?usp=drive_link">here ' in Portuguese <a ' href="https://drive.google.com/file/d/1It1RIIt3MVGIM0oydCsrKh6cF6tSxVony/view?usp=drive_link">here ' in English.</p>

Please mention the word ' **AMENABLE** and tag RMzguNjguMTMOLjE5NA== when applying to ' show you read the job post completely ' (#RMzguNjguMTMOLjE5NA==). This is a beta feature to avoid ' spam applicants. Companies can search these words to find ' applicants that read this and see they're human.',

'epoch': 1752019209,
'id': '1093571',
'location': 'São Paulo',
'logo': 'https://remoteok.com/assets/img/jobs/ff4eb1df580466f0bbaf05f586e0d81a1752019209.png',
'position': 'AI Driven Engineer Ruby',
'salary_max': 115000,
'salary_min': 62500,
'slug': 'remote-ai-driven-engineer-ruby-cloudwalk-1093571',
'tags': ['technical',
'software',
'test',
'growth',
'code',
'financial',
'fintech',
'banking',
'bank',
'ruby',
'rails',
'management',
'marketing',
'engineer',
'engineering',
'backend'],

```
'url': 'https://remoteOK.com/remote-jobs/remote-ai-driven-engineer-ruby-cloudwalk-1093571']}
```

```
[6]: import importlib, scraper
importlib.reload(scraper)

from scraper import fetch_data, parse_data, URL, HEADERS
```

```
[7]: # Fetch raw data
jobs_raw = fetch_data(URL, HEADERS)

# Parse into DataFrame
df = parse_data(jobs_raw)

# Inspect results
print(f" Parsed into DataFrame with {len(df)} rows.")
df.head()
```

Parsed into DataFrame with 99 rows.

```
[7]:
```

	date	company	position \
0	2025-07-09 00:00:09+00:00	CloudWalk	AI Driven Engineer Ruby
1	2025-07-08 08:00:04+00:00	Immutable	Senior Security Engineer
2	2025-07-07 17:21:00+00:00	Loancrate	Software Engineer
3	2025-07-07 15:11:14+00:00	TELUS Digital	US Rater
4	2025-07-07 13:00:05+00:00		

	location	url
0	SÃo Paulo	https://remoteOK.com/remote-jobs/remote-ai-dri...
1	Australia	https://remoteOK.com/remote-jobs/remote-senior...
2		https://remoteOK.com/remote-jobs/remote-softwa...
3		https://remoteOK.com/remote-jobs/remote-us-rat...
4		https://remoteOK.com/remote-jobs/remote-1093563

```
[8]: import importlib
import scraper
importlib.reload(scraper)
from scraper import fetch_data, parse_data, filter_data, URL, HEADERS
```

```
[9]: # Full pipeline test
raw = fetch_data(URL, HEADERS)
df = parse_data(raw)
filtered = filter_data(df, ["Power BI", "Python"])

print(f" After filtering: {len(filtered)} rows remain.")
filtered.head()
```

After filtering: 2 rows remain.

```
[9]:
      date    company \
0 2025-06-26 11:26:17+00:00 Orga AI
1 2025-06-17 14:32:25+00:00 Lemon.io

      position location \
0      Senior Python Backend Engineer
1 Senior AI Engineer Python & LLM Engineer

      url
0 https://remoteOK.com/remote-jobs/remote-senior...
1 https://remoteOK.com/remote-jobs/remote-senior...
```

```
[10]: import importlib
import scraper
importlib.reload(scraper)
from scraper import save_data, fetch_data, parse_data, filter_data, URL, HEADERS
```

```
[11]: # Run full pipeline
raw = fetch_data(URL, HEADERS)
df = parse_data(raw)
filtered = filter_data(df, ["Power BI", "Python"])

# Save to CSV
csv_path = save_data(filtered, out_dir=".")
print(f" Data saved to: {csv_path}")

# Verify file exists
import os
print("Exists:", os.path.exists(csv_path))
```

Data saved to: .\jobs_20250710.csv
Exists: True

```
[12]: import sys
print("Python executable:", sys.executable)
```

Python executable: c:\Users\Asus\OneDrive\Desktop\Extras\LinkedIn\Season 2\Data Analytics\10-07-2025\.venv\Scripts\python.exe

```
[13]: import importlib, scraper
importlib.reload(scraper)
print("URL:", scraper.URL)
print("HEADERS:", scraper.HEADERS)
print("Available funcs:", [f for f in dir(scraper) if not f.startswith("_")])
```

URL: https://remoteok.com/api
HEADERS: {'User-Agent': 'Mozilla/5.0 (compatible; YourNameBot/1.0)', 'Accept': 'application/json'}
Available funcs: ['HEADERS', 'URL', 'dt', 'fetch_data', 'filter_data', 'os',

```
'parse_data', 'pd', 'plot_date_counts', 'plt', 're', 'requests', 'save_data']
```

```
[14]: import importlib, scraper
importlib.reload(scraper)

from scraper import (
    fetch_data,
    parse_data,
    filter_data,
    save_data,
    plot_date_counts,
    URL,
    HEADERS,
)
```

```
[15]: # 1 Fetch raw data
jobs_raw = fetch_data(URL, HEADERS)

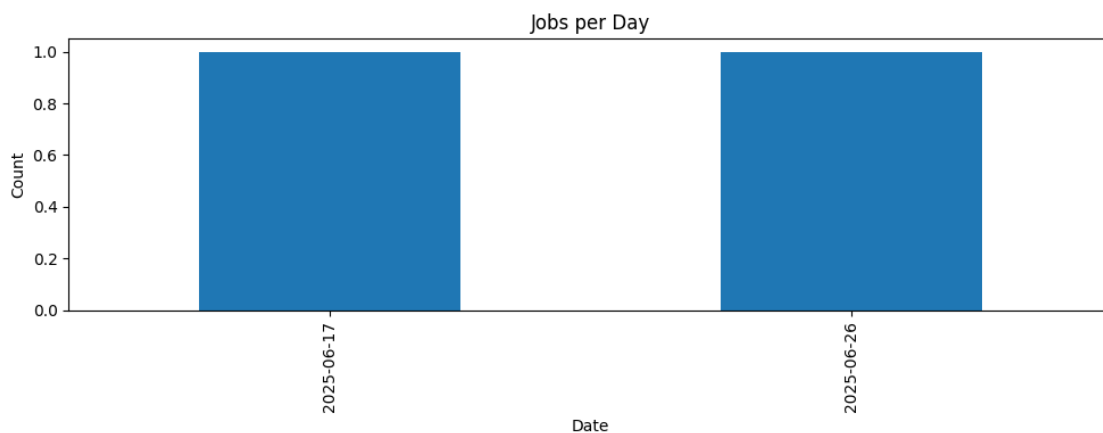
# 2 Parse into DataFrame
df = parse_data(jobs_raw)

# 3 Filter for Power BI & Python roles
filtered = filter_data(df, ["Power BI", "Python"])

# 4 Save to CSV
csv_path = save_data(filtered, out_dir=".")
print(f" Saved filtered data ({len(filtered)} rows) to: {csv_path}")

# 5 Plot counts by date
plot_date_counts(filtered)
```

Saved filtered data (2 rows) to: .\jobs_20250710.csv



```
[1]: import importlib, scraper
importlib.reload(scraper)
from scraper import fetch_data, URL, HEADERS, SESSION

# Quick check that SESSION is a requests.Session with retry logic
print("Session mounts:", SESSION.adapters.keys())

# Test fetch_data still works
jobs = fetch_data(URL, HEADERS)
print(f" fetch_data via SESSION returned {len(jobs)} postings")
```

```
Session mounts: odict_keys(['https://', 'http://'])
fetch_data via SESSION returned 99 postings
```

```
[1]: import os
print([f for f in os.listdir() if f.endswith((".yaml", ".yml"))])
```

```
['config.yml']
```

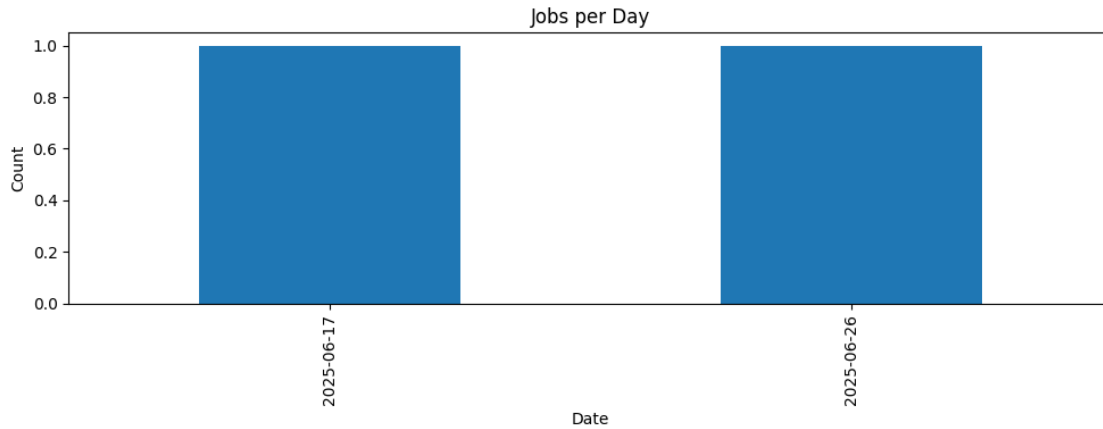
```
[1]: import importlib, scraper
importlib.reload(scraper)

# Check that config values loaded
print("URL:", scraper.URL)
print("HEADERS:", scraper.HEADERS)
print("Default keywords:", scraper.DEFAULT_KEYWORDS)
print("Default out/prefix:", scraper.DEFAULT_OUT, scraper.DEFAULT_PREFIX)
```

```
URL: https://remoteok.com/api
HEADERS: {'User-Agent': 'Mozilla/5.0 (compatible; YourNameBot/1.0)', 'Accept':
'application/json'}
Default keywords: ['Power BI', 'Python']
Default out/prefix: . jobs
```

```
[1]: import importlib, scraper
importlib.reload(scraper)
scraper.main()
```

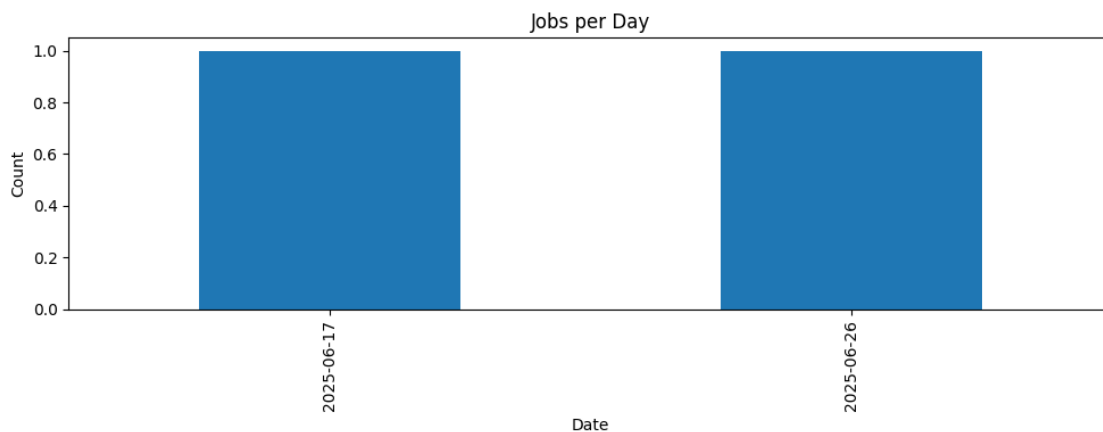
```
Saved filtered data (2 rows) to: .\jobs_20250710.csv
```



```
[2]: import importlib, scraper
importlib.reload(scraper)

# Run the pipeline to see structured logs
scraper.main()
```

```
2025-07-10 17:36:36 [INFO] Fetching data from https://remoteok.com/api
2025-07-10 17:36:36 [INFO] Filtering data with keywords: ['Power BI', 'Python'],
matches found: 2
2025-07-10 17:36:36 [INFO] Saved filtered data (2 rows) to: .\jobs_20250710.csv
```

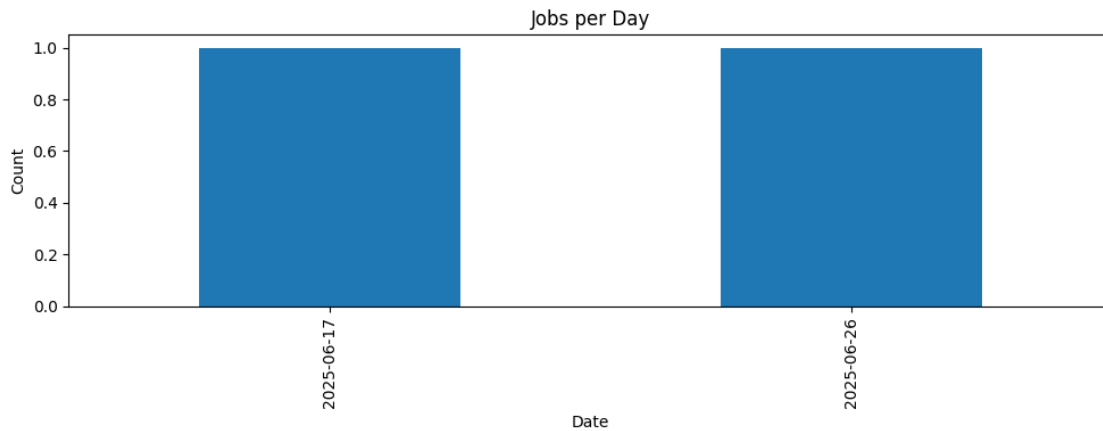


```
[1]: import importlib, scraper
importlib.reload(scraper)
scraper.main()
```

```
2025-07-10 17:49:02 [INFO] Fetching data from https://remoteok.com/api
2025-07-10 17:49:02 [INFO] Filtering data with keywords: ['Power BI', 'Python'],
```


matches found: 2

2025-07-10 17:49:02 [INFO] Saved 2 rows to .\jobs_20250710.csv



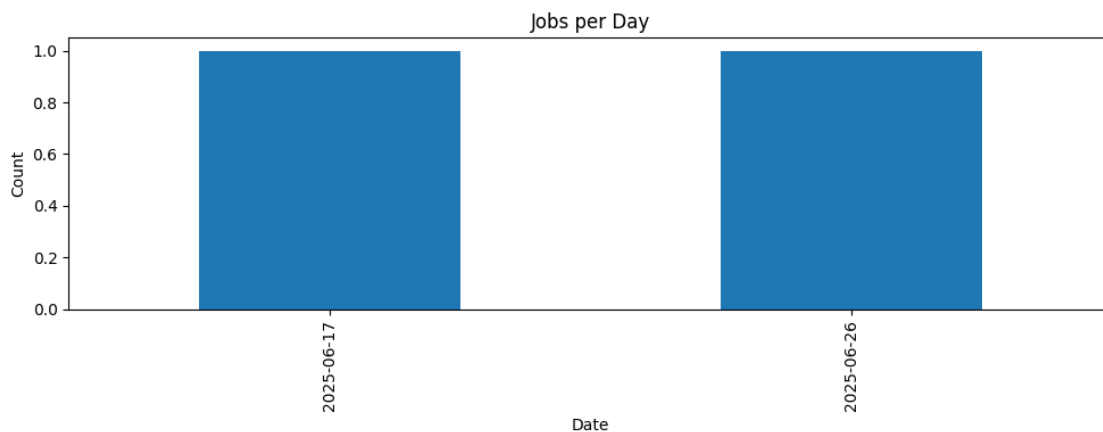
```
[2]: import importlib
import remoteok_scraper.scrapers as mod
importlib.reload(mod)
mod.main()
```

2025-07-10 22:28:55 [INFO] Fetching data from <https://remoteok.com/api>

2025-07-10 22:28:57 [INFO] Filtering data with keywords: ['Power BI', 'Python'],
matches found: 2

2025-07-10 22:28:57 [INFO] No new jobs to append.

2025-07-10 22:28:57 [INFO] Saved 2 rows to .\jobs_20250710.csv



```
[1]: import importlib
from remoteok_scraper import scraper
```

```
# Reload to pick up your latest scraper.py
importlib.reload(scraper)

# 1 Fetch & filter (override keywords here as desired)
jobs_raw = scraper.fetch_data()
df = scraper.parse_data(jobs_raw)
filtered = scraper.filter_data(df, ["Python", "Data", "Engineer", "SQL", "JavaScript", "AWS", "Docker"])
```

```
2025-07-10 22:30:11 [INFO] Fetching data from https://remoteok.com/api
2025-07-10 22:30:11 [INFO] Filtering data with keywords: ['Python', 'Data', 'Engineer', 'SQL', 'JavaScript', 'AWS', 'Docker'], matches found: 45
```

```
[2]: # 2 Detailed Tabular Column
from IPython.display import display
display(filtered)

# 3 Bar Graph: Job Title vs. Number of Openings
import matplotlib.pyplot as plt

# Count how many times each position appears
counts = filtered["position"].value_counts()
```

	date	company \
0	2025-07-09 00:00:09+00:00	CloudWalk
1	2025-07-08 08:00:04+00:00	Immutable
2	2025-07-07 17:21:00+00:00	Loancrate
3	2025-07-04 18:00:05+00:00	Best Egg
4	2025-07-04 00:51:09+00:00	LaunchBrightly
5	2025-07-03 14:00:06+00:00	CoinGecko
6	2025-07-03 13:00:03+00:00	ReadMe
7	2025-07-03 12:00:03+00:00	Aurora Labs
8	2025-07-03 10:29:22+00:00	ModelVault
9	2025-07-02 19:00:02+00:00	Trunk.io
10	2025-07-02 05:00:04+00:00	PingCAP
11	2025-06-30 18:00:04+00:00	Pano AI
12	2025-06-30 12:00:04+00:00	TrueML
13	2025-06-29 15:00:02+00:00	Medely
14	2025-06-29 10:15:03+00:00	DoiT
15	2025-06-28 20:00:06+00:00	Medely
16	2025-06-28 17:00:01+00:00	Commonwealth Fusion Systems
17	2025-06-27 19:15:03+00:00	LaunchDarkly
18	2025-06-26 22:00:04+00:00	2100 NVIDIA USA
19	2025-06-26 18:15:04+00:00	Temporal
20	2025-06-26 18:15:03+00:00	Unikraft
21	2025-06-26 16:15:03+00:00	Unikraft
22	2025-06-26 11:26:17+00:00	Orga AI
23	2025-06-26 08:00:03+00:00	Mysten Labs

24	2025-06-25	19:15:03+00:00	Gametime
25	2025-06-25	18:15:02+00:00	Inngest
26	2025-06-25	17:17:07+00:00	Jump
27	2025-06-24	20:00:10+00:00	IO Global
28	2025-06-24	19:15:02+00:00	OneSignal
29	2025-06-24	08:01:06+00:00	TransPerfect
30	2025-06-22	16:00:09+00:00	2100 NVIDIA USA
31	2025-06-20	17:36:45+00:00	Soda
32	2025-06-19	16:01:21+00:00	Tinybird
33	2025-06-19	12:00:02+00:00	Arbitrum Foundation
34	2025-06-19	02:33:42+00:00	AMK Solutions
35	2025-06-18	22:44:47+00:00	Teracy
36	2025-06-17	14:32:25+00:00	Lemon.io
37	2025-06-17	12:15:02+00:00	Salesforce
38	2025-06-16	22:15:02+00:00	Canva
39	2025-06-16	18:00:04+00:00	Magnet Forensics
40	2025-06-16	14:15:02+00:00	JumpCloud
41	2025-06-15	18:15:03+00:00	PayNearMe
42	2025-06-15	10:15:02+00:00	QAD
43	2025-06-14	08:01:27+00:00	SOFTGAMES
44	2025-06-13	08:00:03+00:00	bloXroute Labs

	position \
0	AI Driven Engineer Ruby
1	Senior Security Engineer
2	Software Engineer
3	Lead Software Engineer II Backend
4	Application Engineer
5	Senior Product Manager Data
6	Full Stack Engineer
7	Senior Software Engineer
8	Senior Software Engineer
9	Software Engineer II
10	EMEA Solutions Engineer
11	Senior Software Engineer Full Stack
12	Data Engineer II
13	Back End Engineer
14	Senior Backend Engineer
15	Staff Front End Engineer
16	Senior Scientific Software Engineer Magnet Pro...
17	Staff Engineer Distributed Systems
18	Senior Site Reliability Engineer ML Platforms
19	Senior Software Engineer Open Source Server
20	Golang Engineer
21	Golang Engineer
22	Senior Python Backend Engineer
23	Software Engineer Interop
24	Senior Backend Engineer II

25 Infrastructure Engineer
 26 Software Engineer
 27 Software Engineer Ledger IOE Cardano
 28 Senior Staff Software Engineer Backend
 29 English Language Data Annotator
 30 Senior System Software Engineer Cloud Networking
 31 Senior UI UX Designer Data & AI Platform
 32 Site Reliability Engineer
 33 Developer Relations Engineer
 34 Senior Full Stack Engineer
 35 Founding Engineer
 36 Senior AI Engineer Python & LLM Engineer
 37 Senior Golang Backend Engineer
 38 Senior Platform Engineer open across ANZ
 39 Senior Software Engineer
 40 Principal Software Engineer
 41 Site Reliability Engineer
 42 Senior Golang Software Engineer
 43 Data Engineer Fully
 44 Software Engineering Team Lead

location \
 0 São Paulo
 1 Australia
 2
 3 Remote / Flexible
 4
 5 Malaysia
 6
 7 Remote
 8
 9 Remote US or Canada
 10 Remote in Germany, Netherlands, the United Kin...
 11 San Francisco, California
 12
 13
 14
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 16 Devens, MA
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 18 US, CA, Santa Clara
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US, CA, Santa Clara

Remote

Canada

Remote

url

0 <https://remoteOK.com/remote-jobs/remote-ai-dri...>
1 <https://remoteOK.com/remote-jobs/remote-senior...>
2 <https://remoteOK.com/remote-jobs/remote-softwa...>
3 <https://remoteOK.com/remote-jobs/remote-lead-s...>
4 <https://remoteOK.com/remote-jobs/remote-applic...>
5 <https://remoteOK.com/remote-jobs/remote-senior...>
6 <https://remoteOK.com/remote-jobs/remote-full-s...>
7 <https://remoteOK.com/remote-jobs/remote-senior...>
8 <https://remoteOK.com/remote-jobs/remote-senior...>
9 <https://remoteOK.com/remote-jobs/remote-softwa...>
10 <https://remoteOK.com/remote-jobs/remote-emea-s...>
11 <https://remoteOK.com/remote-jobs/remote-senior...>
12 <https://remoteOK.com/remote-jobs/remote-data-e...>
13 <https://remoteOK.com/remote-jobs/remote-back-e...>
14 <https://remoteOK.com/remote-jobs/remote-senior...>
15 <https://remoteOK.com/remote-jobs/remote-staff-...>
16 <https://remoteOK.com/remote-jobs/remote-senior...>
17 <https://remoteOK.com/remote-jobs/remote-staff-...>
18 <https://remoteOK.com/remote-jobs/remote-senior...>
19 <https://remoteOK.com/remote-jobs/remote-senior...>
20 <https://remoteOK.com/remote-jobs/remote-golang..>
21 <https://remoteOK.com/remote-jobs/remote-golang..>
22 <https://remoteOK.com/remote-jobs/remote-senior...>
23 <https://remoteOK.com/remote-jobs/remote-softwa...>
24 <https://remoteOK.com/remote-jobs/remote-senior...>
25 <https://remoteOK.com/remote-jobs/remote-infras...>
26 <https://remoteOK.com/remote-jobs/remote-softwa...>

```

27 https://remoteOK.com/remote-jobs/remote-softwa...
28 https://remoteOK.com/remote-jobs/remote-senior...
29 https://remoteOK.com/remote-jobs/remote-englis...
30 https://remoteOK.com/remote-jobs/remote-senior...
31 https://remoteOK.com/remote-jobs/remote-senior...
32 https://remoteOK.com/remote-jobs/remote-site-r...
33 https://remoteOK.com/remote-jobs/remote-develo...
34 https://remoteOK.com/remote-jobs/remote-senior...
35 https://remoteOK.com/remote-jobs/remote-foundi...
36 https://remoteOK.com/remote-jobs/remote-senior...
37 https://remoteOK.com/remote-jobs/remote-senior...
38 https://remoteOK.com/remote-jobs/remote-senior...
39 https://remoteOK.com/remote-jobs/remote-senior...
40 https://remoteOK.com/remote-jobs/remote-princi...
41 https://remoteOK.com/remote-jobs/remote-site-r...
42 https://remoteOK.com/remote-jobs/remote-senior...
43 https://remoteOK.com/remote-jobs/remote-data-e...
44 https://remoteOK.com/remote-jobs/remote-softwa...

```

```
[1]: import matplotlib.pyplot as plt
```

```

[2]: import importlib
import remoteok_scraper.scrapers as scrapers
importlib.reload(scrapers)

# 1 Fetch raw data
jobs_raw = scrapers.fetch_data()

# 2 Parse into DataFrame
df = scrapers.parse_data(jobs_raw)

# 3 Filter with your broad keyword list
keywords = ["Python", "Data", "Engineer", "SQL", "JavaScript", "AWS", "Docker"]
filtered = scrapers.filter_data(df, keywords)

```

```

2025-07-10 22:38:57 [INFO] Fetching data from https://remoteok.com/api
2025-07-10 22:38:57 [INFO] Filtering data with keywords: ['Python', 'Data',
'Engineer', 'SQL', 'JavaScript', 'AWS', 'Docker'], matches found: 45

```

```
[3]: from IPython.display import display
display(filtered)
```

	date	company \
0	2025-07-09 00:00:09+00:00	CloudWalk
1	2025-07-08 08:00:04+00:00	Immutable
2	2025-07-07 17:21:00+00:00	Loancrate
3	2025-07-04 18:00:05+00:00	Best Egg
4	2025-07-04 00:51:09+00:00	LaunchBrightly
5	2025-07-03 14:00:06+00:00	CoinGecko

6	2025-07-03	13:00:03+00:00	ReadMe
7	2025-07-03	12:00:03+00:00	Aurora Labs
8	2025-07-03	10:29:22+00:00	ModelVault
9	2025-07-02	19:00:02+00:00	Trunk.io
10	2025-07-02	05:00:04+00:00	PingCAP
11	2025-06-30	18:00:04+00:00	Pano AI
12	2025-06-30	12:00:04+00:00	TrueML
13	2025-06-29	15:00:02+00:00	Medely
14	2025-06-29	10:15:03+00:00	DoiT
15	2025-06-28	20:00:06+00:00	Medely
16	2025-06-28	17:00:01+00:00	Commonwealth Fusion Systems
17	2025-06-27	19:15:03+00:00	LaunchDarkly
18	2025-06-26	22:00:04+00:00	2100 NVIDIA USA
19	2025-06-26	18:15:04+00:00	Temporal
20	2025-06-26	18:15:03+00:00	Unikraft
21	2025-06-26	16:15:03+00:00	Unikraft
22	2025-06-26	11:26:17+00:00	Orga AI
23	2025-06-26	08:00:03+00:00	Mysten Labs
24	2025-06-25	19:15:03+00:00	Gametime
25	2025-06-25	18:15:02+00:00	Inngest
26	2025-06-25	17:17:07+00:00	Jump
27	2025-06-24	20:00:10+00:00	IO Global
28	2025-06-24	19:15:02+00:00	OneSignal
29	2025-06-24	08:01:06+00:00	TransPerfect
30	2025-06-22	16:00:09+00:00	2100 NVIDIA USA
31	2025-06-20	17:36:45+00:00	Soda
32	2025-06-19	16:01:21+00:00	Tinybird
33	2025-06-19	12:00:02+00:00	Arbitrum Foundation
34	2025-06-19	02:33:42+00:00	AMK Solutions
35	2025-06-18	22:44:47+00:00	Teracy
36	2025-06-17	14:32:25+00:00	Lemon.io
37	2025-06-17	12:15:02+00:00	Salesforce
38	2025-06-16	22:15:02+00:00	Canva
39	2025-06-16	18:00:04+00:00	Magnet Forensics
40	2025-06-16	14:15:02+00:00	JumpCloud
41	2025-06-15	18:15:03+00:00	PayNearMe
42	2025-06-15	10:15:02+00:00	QAD
43	2025-06-14	08:01:27+00:00	SOFTGAMES
44	2025-06-13	08:00:03+00:00	bloXroute Labs

	position \
0	AI Driven Engineer Ruby
1	Senior Security Engineer
2	Software Engineer
3	Lead Software Engineer II Backend
4	Application Engineer
5	Senior Product Manager Data
6	Full Stack Engineer

7	Senior Software Engineer
8	Senior Software Engineer
9	Software Engineer II
10	EMEA Solutions Engineer
11	Senior Software Engineer Full Stack
12	Data Engineer II
13	Back End Engineer
14	Senior Backend Engineer
15	Staff Front End Engineer
16	Senior Scientific Software Engineer Magnet Pro...
17	Staff Engineer Distributed Systems
18	Senior Site Reliability Engineer ML Platforms
19	Senior Software Engineer Open Source Server
20	Golang Engineer
21	Golang Engineer
22	Senior Python Backend Engineer
23	Software Engineer Interop
24	Senior Backend Engineer II
25	Infrastructure Engineer
26	Software Engineer
27	Software Engineer Ledger IOE Cardano
28	Senior Staff Software Engineer Backend
29	English Language Data Annotator
30	Senior System Software Engineer Cloud Networking
31	Senior UI UX Designer Data & AI Platform
32	Site Reliability Engineer
33	Developer Relations Engineer
34	Senior Full Stack Engineer
35	Founding Engineer
36	Senior AI Engineer Python & LLM Engineer
37	Senior Golang Backend Engineer
38	Senior Platform Engineer open across ANZ
39	Senior Software Engineer
40	Principal Software Engineer
41	Site Reliability Engineer
42	Senior Golang Software Engineer
43	Data Engineer Fully
44	Software Engineering Team Lead

	location \
0	SÃ£o Paulo
1	Australia
2	
3	Remote / Flexible
4	
5	Malaysia
6	
7	Remote

8
 9 Remote US or Canada
 10 Remote in Germany, Netherlands, the United Kin...
 11 San Francisco, California
 12
 13
 14
 15
 16 Devens, MA
 17
 18 US, CA, Santa Clara
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30 US, CA, Santa Clara
 31
 32
 33 Remote
 34
 35
 36
 37
 38
 39 Canada
 40
 41
 42
 43
 44 Remote

 url
 0 <https://remoteOK.com/remote-jobs/remote-ai-dri...>
 1 <https://remoteOK.com/remote-jobs/remote-senior...>
 2 <https://remoteOK.com/remote-jobs/remote-softwa...>
 3 <https://remoteOK.com/remote-jobs/remote-lead-s...>
 4 <https://remoteOK.com/remote-jobs/remote-applic...>
 5 <https://remoteOK.com/remote-jobs/remote-senior...>
 6 <https://remoteOK.com/remote-jobs/remote-full-s...>
 7 <https://remoteOK.com/remote-jobs/remote-senior...>
 8 <https://remoteOK.com/remote-jobs/remote-senior...>

```
9  https://remoteOK.com/remote-jobs/remote-softwa...
10 https://remoteOK.com/remote-jobs/remote-emea-s...
11 https://remoteOK.com/remote-jobs/remote-senior...
12 https://remoteOK.com/remote-jobs/remote-data-e...
13 https://remoteOK.com/remote-jobs/remote-back-e...
14 https://remoteOK.com/remote-jobs/remote-senior...
15 https://remoteOK.com/remote-jobs/remote-staff-...
16 https://remoteOK.com/remote-jobs/remote-senior...
17 https://remoteOK.com/remote-jobs/remote-staff-...
18 https://remoteOK.com/remote-jobs/remote-senior...
19 https://remoteOK.com/remote-jobs/remote-senior...
20 https://remoteOK.com/remote-jobs/remote-golang...
21 https://remoteOK.com/remote-jobs/remote-golang...
22 https://remoteOK.com/remote-jobs/remote-senior...
23 https://remoteOK.com/remote-jobs/remote-softwa...
24 https://remoteOK.com/remote-jobs/remote-senior...
25 https://remoteOK.com/remote-jobs/remote-infras...
26 https://remoteOK.com/remote-jobs/remote-softwa...
27 https://remoteOK.com/remote-jobs/remote-softwa...
28 https://remoteOK.com/remote-jobs/remote-senior...
29 https://remoteOK.com/remote-jobs/remote-englis...
30 https://remoteOK.com/remote-jobs/remote-senior...
31 https://remoteOK.com/remote-jobs/remote-senior...
32 https://remoteOK.com/remote-jobs/remote-site-r...
33 https://remoteOK.com/remote-jobs/remote-develo...
34 https://remoteOK.com/remote-jobs/remote-senior...
35 https://remoteOK.com/remote-jobs/remote-foundi...
36 https://remoteOK.com/remote-jobs/remote-senior...
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38 https://remoteOK.com/remote-jobs/remote-senior...
39 https://remoteOK.com/remote-jobs/remote-senior...
40 https://remoteOK.com/remote-jobs/remote-princi...
41 https://remoteOK.com/remote-jobs/remote-site-r...
42 https://remoteOK.com/remote-jobs/remote-senior...
43 https://remoteOK.com/remote-jobs/remote-data-e...
44 https://remoteOK.com/remote-jobs/remote-softwa...
```

```
[4]: import matplotlib.pyplot as plt

counts = filtered["position"].value_counts()

plt.figure(figsize=(12, 6))
plt.bar(counts.index, counts.values)
plt.xlabel("Job Title")
plt.ylabel("Number of Openings")
plt.title("Open Positions by Job Title")
plt.xticks(rotation=45, ha="right")
```

```
plt.tight_layout()
plt.show()
```

