



GITSCALE

Product management Co-Pilot for
SME, B2B, SAAS

THE PROBLEM

Tools

Companies use an average of **110** SaaS apps

Jenkins, Docker, Puppet, Maven, Gradle, CircleCI, Bamboo, Splunk, TeamCity, Travis CI, Buddy, Git, GitHub, Chef, Kubernetes, Ansible, Vagrant, Consul, Terraform, Selenium, Tricentis Tosca, TestSigma, SoapUI, Nagios, Prometheus, Sensu, Splunk, ELK Stack, and more

Maturity

12% of companies have mature devops
95% of new digital workloads are cloud

Bottleneck

DevOps is a Top-5 priority for **90%** of businesses

OPPORTUNITY

Automated Tool Market (US)

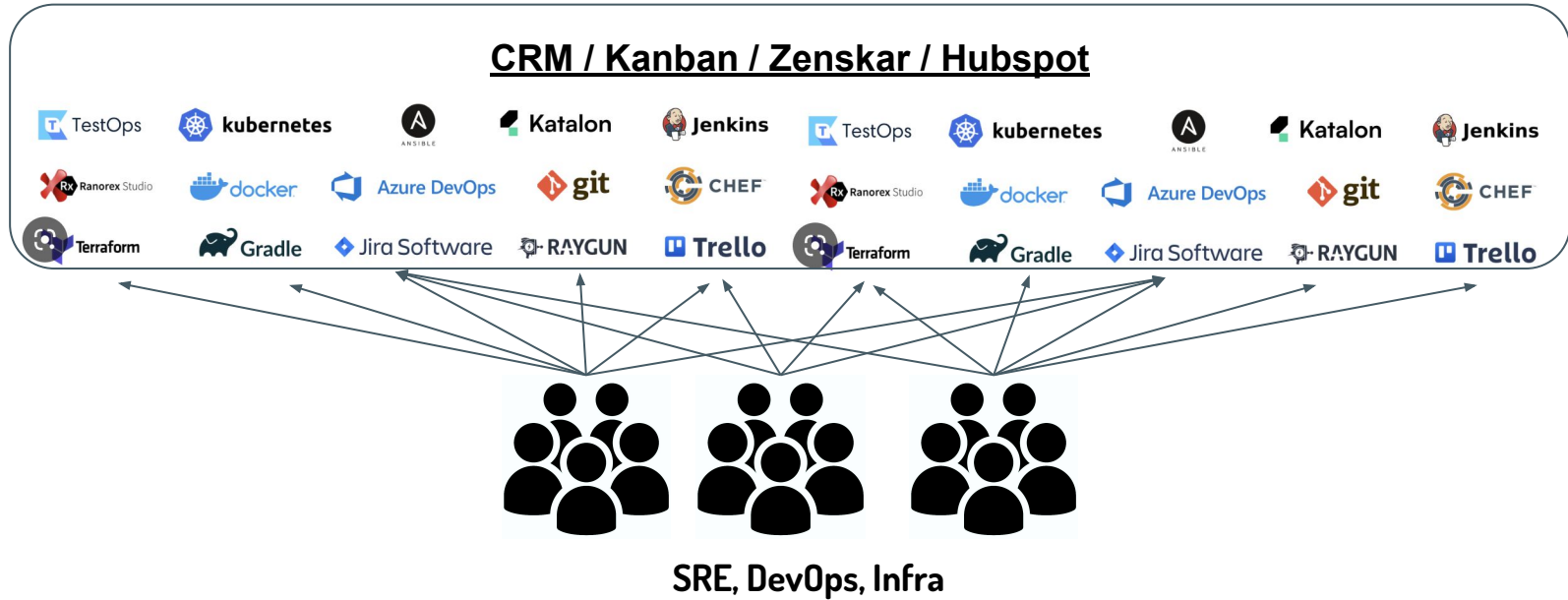
\$10.4 billion in 2023
\$25.5 billion by 2028
19.7% CAGR

Workforce (US)

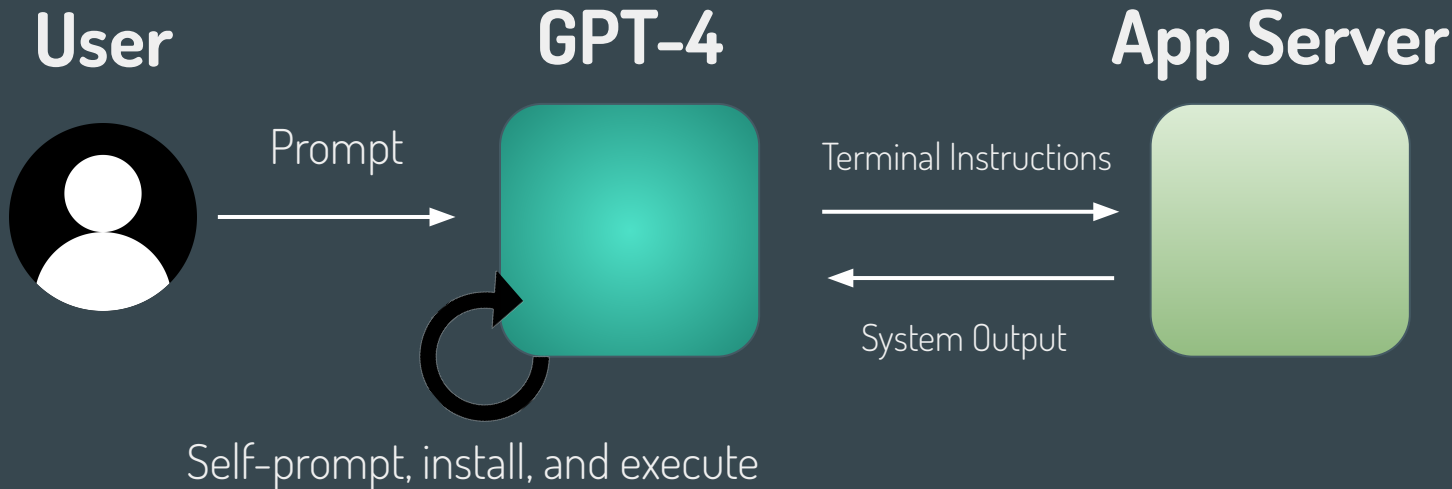
350k+ engineers today
(devops/sre/infra)

250k+ unfilled devops job
openings

TIRED: B2B TOOLS TODAY



WIRED: COPILOT



EXAMPLE USE CASES

Apply **gitScale** to countless use-cases without customization.

1. Automated ML infra ops – train, monitor, fix ML code
2. Automated QA Testing – load-test APIs and report results
3. Automated server diagnostics – debug outages + perf
4. Much more...

AND MUCH MORE

“What ails you, my sweet server?”

RA What ails you my sweet server?

Used **InfraGPT** ON AWS EC2

REQUEST TO INFRAGPT

```
{
  "command": "df -h"
}
```

RESPONSE FROM INFRAGPT

Filesystem	Size	Used	Avail	Use%	Mounted on
/dev/root	20G	13G	6.5G	67%	/
tmpfs	7.7G	0	7.7G	0%	/dev/shm
tmpfs	3.1G	1.2M	3.1G	1%	/run
tmpfs	5.0M	0	5.0M	0%	/run/lock
/dev/nvme0n1p15	105M	6.1M	99M	6%	/boot/efi
tmpfs	1.6G	4.0K	1.6G	1%	/run/user/1000

Used **InfraGPT** ON AWS EC2

REQUEST TO INFRAGPT

```
{
  "command": "free -h"
}
```

RESPONSE FROM INFRAGPT

Regenerate response

Send a message...

Used **InfraGPT** ON AWS EC2

Used **InfraGPT** ON AWS EC2

The server appears to be in a healthy state based on the information provided. Here are some key observations:

1. Disk usage: The root filesystem (`/dev/root`) has a total size of 20 GB, of which 13 GB is used, leaving 6.5 GB available. The usage is at 67%, which is reasonable and not critical.
2. Memory usage: The server has a total of 15 GB of RAM, of which 1.2 GB is used, and 3.4 GB is free. There is no swap space configured on the server. The available memory is sufficient, and there are no signs of memory pressure.
3. Uptime: The server has been up for 6 hours and 7 minutes, and there are 4 users currently logged in. The load average is very low (0.00, 0.00, 0.01), indicating that the system is not under heavy load.
4. Running processes: The `top` command output shows that there is only one running process (the `top` command itself) and 170 sleeping processes. The CPU usage is very low, with 100% of the CPU time being spent in the idle state.

Overall, the server appears to be functioning normally and is not experiencing any resource constraints or high load. If you have any specific concerns or issues you'd like to investigate further, please provide more details.

Regenerate response

Send a message...

EX : AUTOMATED ML INFRA + OPS

- Self train, monitor, and fix ML training code
 - Any framework (PyTorch, TensorFlow, Jax, etc.)
- Prompt:
 - “my train script is here.: /home/ubuntu/infraGPT/pytorch-cifar/train_small_batch.py. start and detach from it. After a few seconds monitor the gpu stats. Modify the code directly with any changes you want to make based on the stats”

AUTOMATED QA TESTING

- Self load-test API endpoints and report results
- Demo prompt:
 - Stress test the http://ec2-18-224-39-7.us-east-2.compute.amazonaws.com:8000/image_sama endpoint. I want to know how many requests per second my endpoint can handle

AUTOMATED SERVER DIAGNOSTICS

- Self debug outages, performance analysis, etc
 - Why is the server response time so bad right now?

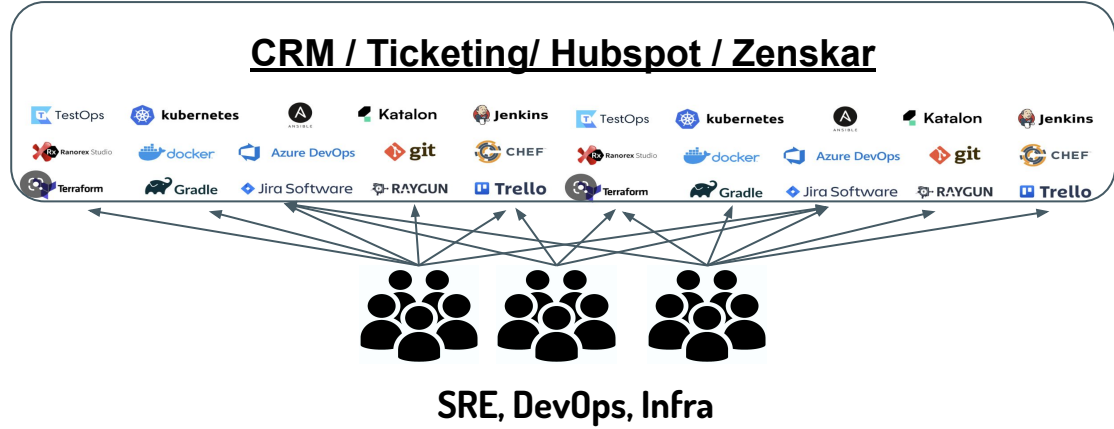
FUTURE ROADMAP

DevOps-as-a-Service

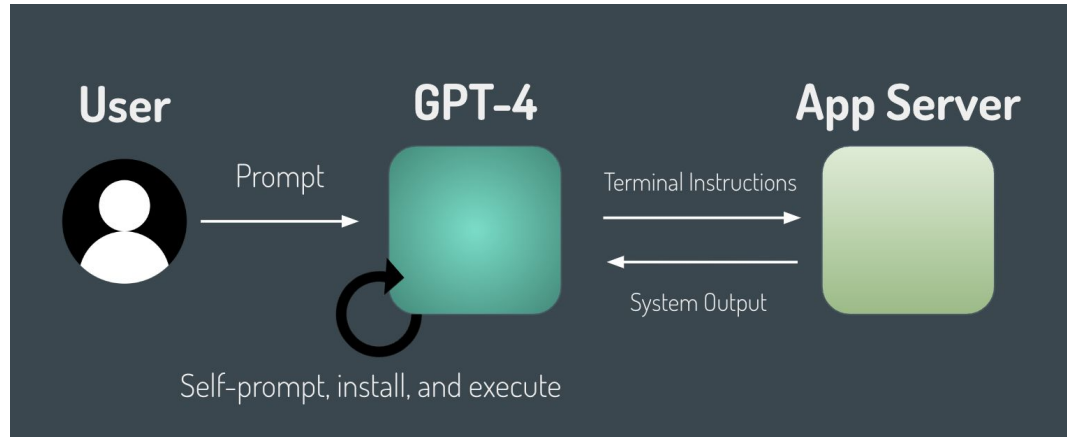
Advanced ML optimization

Code Analysis + Debugger, Code Changes -> PR

Market today



Maket with GitScale



FOR VCS

