

DEVOPS...

REFRAMED

***EMBRACING THE PATH TO DEVELOPER
PRODUCTIVITY ENGINEERING***



CONSPIRACY THEORY?!

DETACHED FROM REALITY

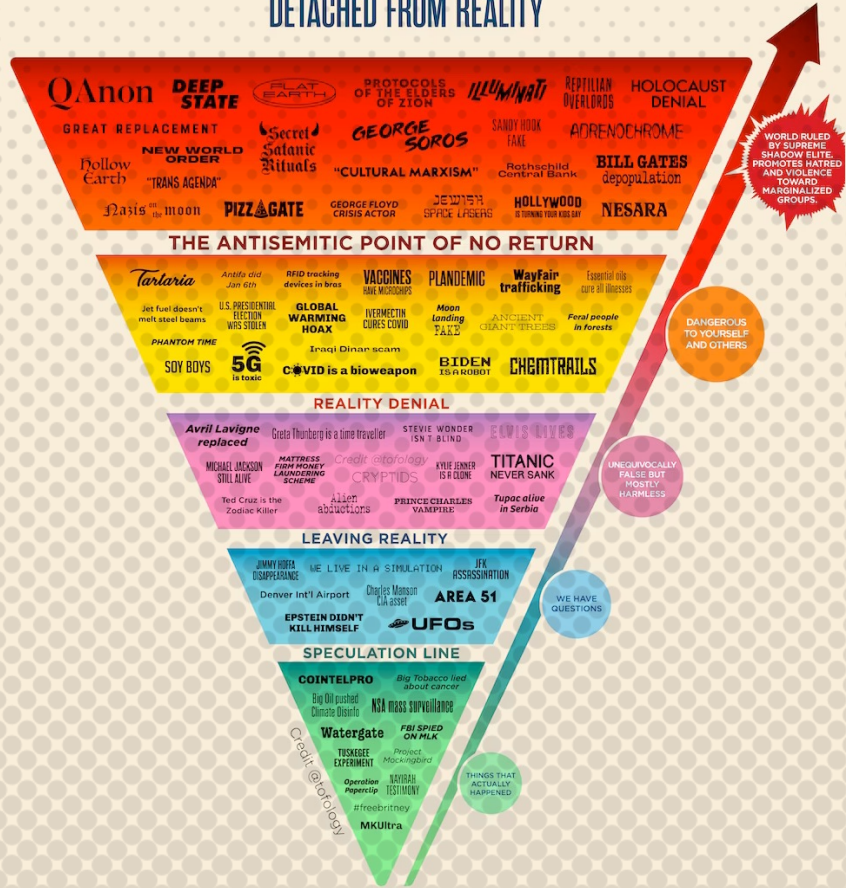
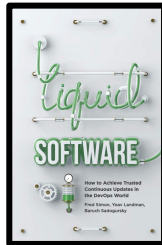
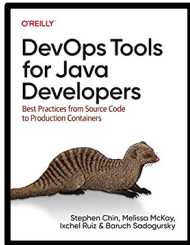


CHART BY ABBIE RICHARDS



BARUCH SADOGURSKY - @JBARUCH

- × Developer Productivity Advocate
- × Gradle Inc
- × Development → DevOps → #DPE



SHOWNOTES

- × speaking.jbaru.ch
- × Slides
- × Video
- × All the links!





AlphaCSP

6 yrs 1 mo

- **Training Division Manager**

Jan 2007 - Oct 2010 · 3 yrs 10 mos

- Development and delivery of most of AlphaCSP courses on different Java-related topics and in different levels;
Among the customers: IDF, Cisco, IDI direct insurance, Rafael, PayPal, Opal, BMC, Malam, Checkpoint, HP Software and others.
- Development and delivery Artifactory training for JFrog customers world-wide;
Among the customers: Cisco, Sita, Ansys and others.
- JTeam – Extremely successful internal training program in AlphaCSP – ¼ of AlphaCSP personnel are JTeam alumni.
- Java department technical lead at MalamTeam Training Center – development and delivery of all Java courses.
- Named one of the best speakers in all AlphaCSP events through the years.

- **Consultant & Architect**

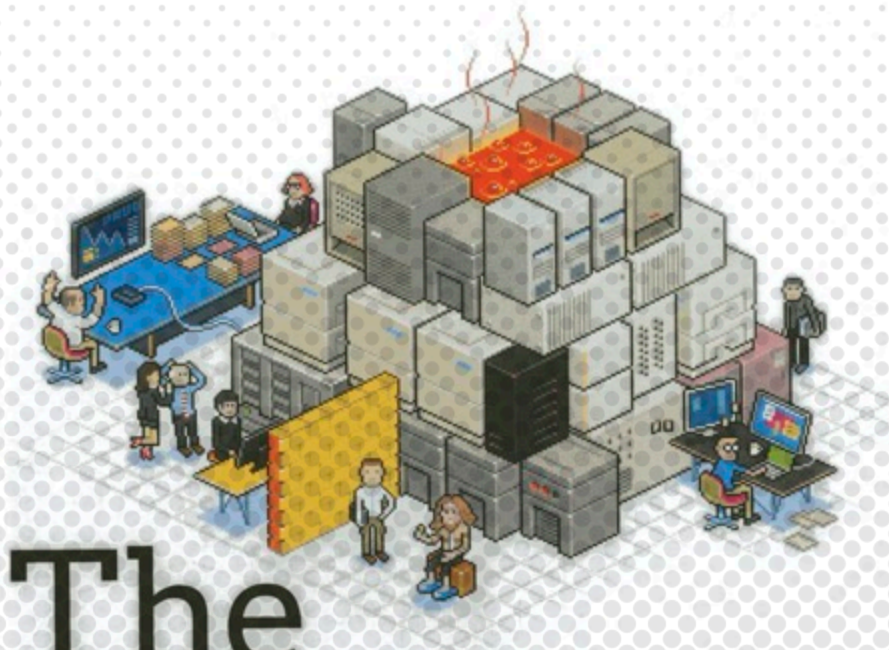
Jan 2007 - Oct 2010 · 3 yrs 10 mos

Consulting, building architectures and design, mentoring, and developing in various Java-related projects on the topics, described in Specialties section above;
Among the customers: BMC, Logia, IDF, Starhome (Comverse), Malam, Cisco, IDI, IDIT, Isracard, Virtual Tweens, Amobee, SolarEdge, Checkpoint, Cadence, Evolgen, ExLibris, Retalix, Schema, Time To Know and others.

- **Senior Developer**

Oct 2004 - Jan 2007 · 2 yrs 4 mos

Working on various projects in BMC Software Israel



The Phoenix Project

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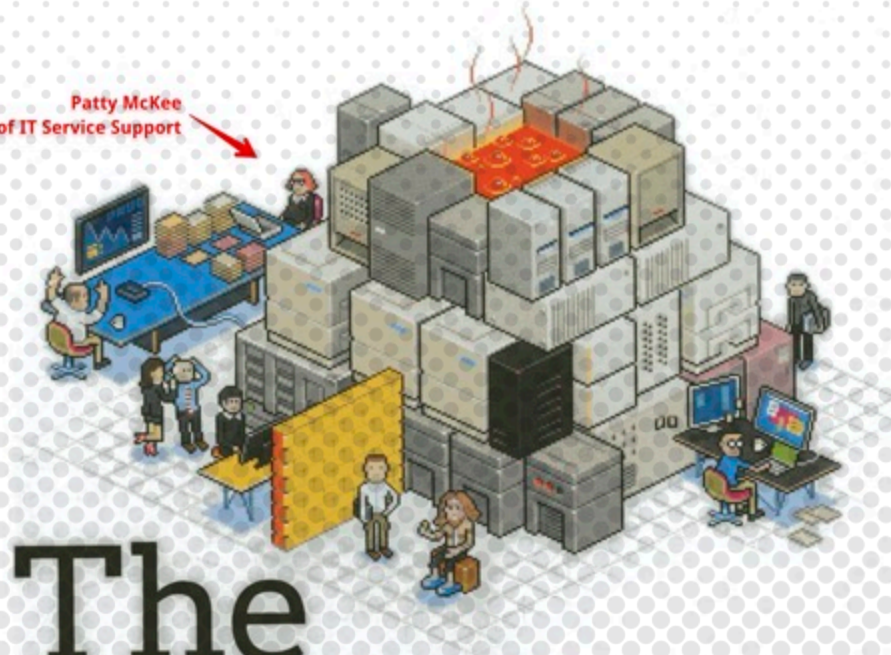
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Patty McKee
Director of IT Service Support



The Phoenix Project

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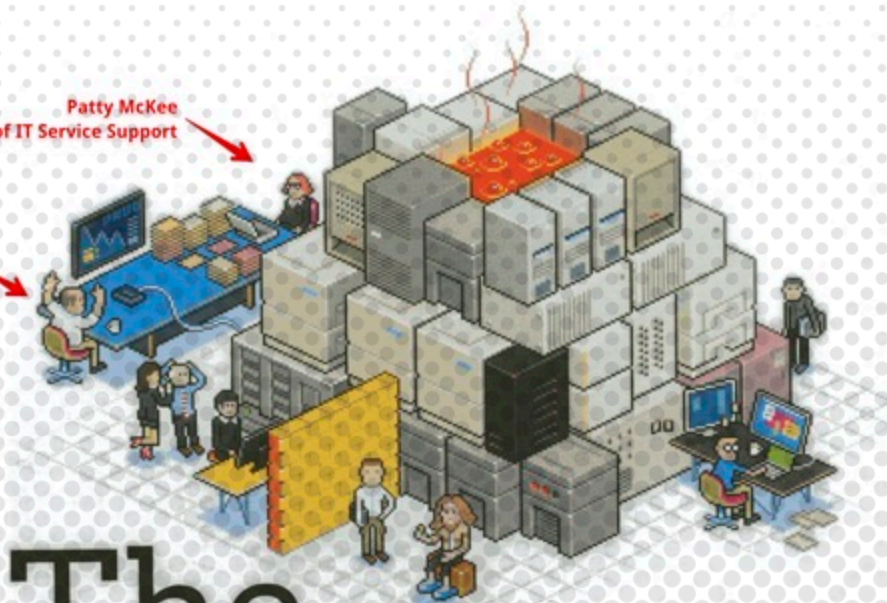
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Patty McKee
Director of IT Service Support

Wes Davis
Director of Distributed
Technology Ops



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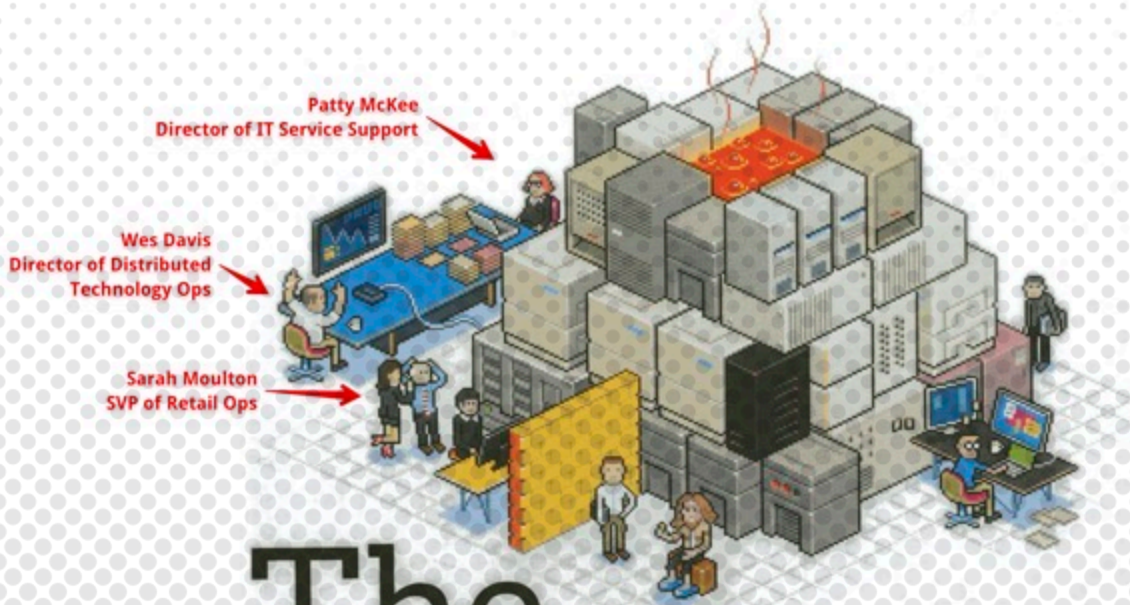
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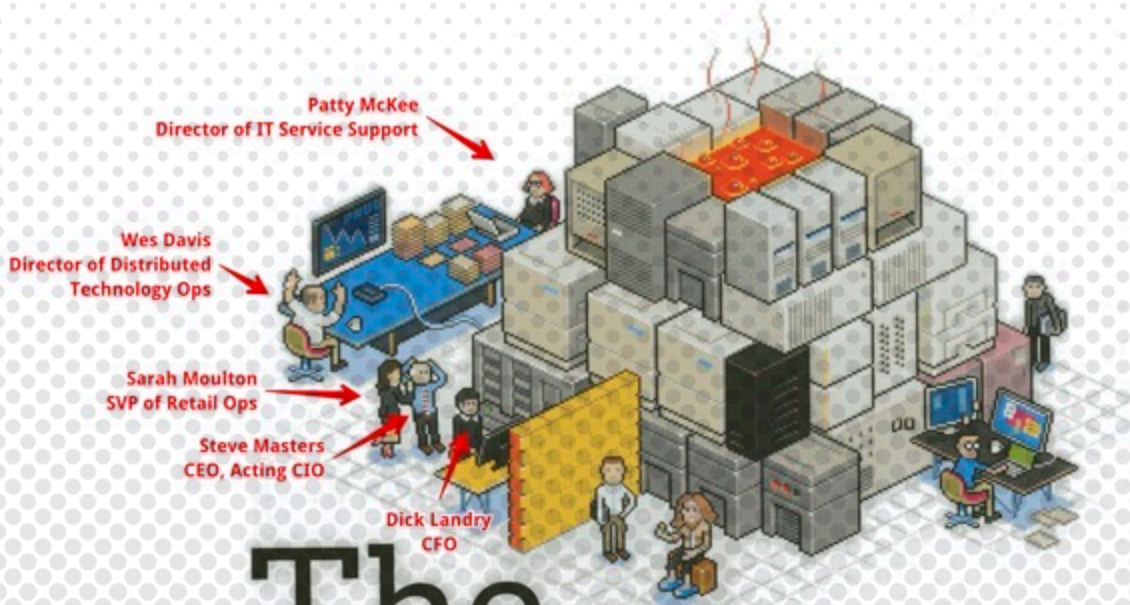
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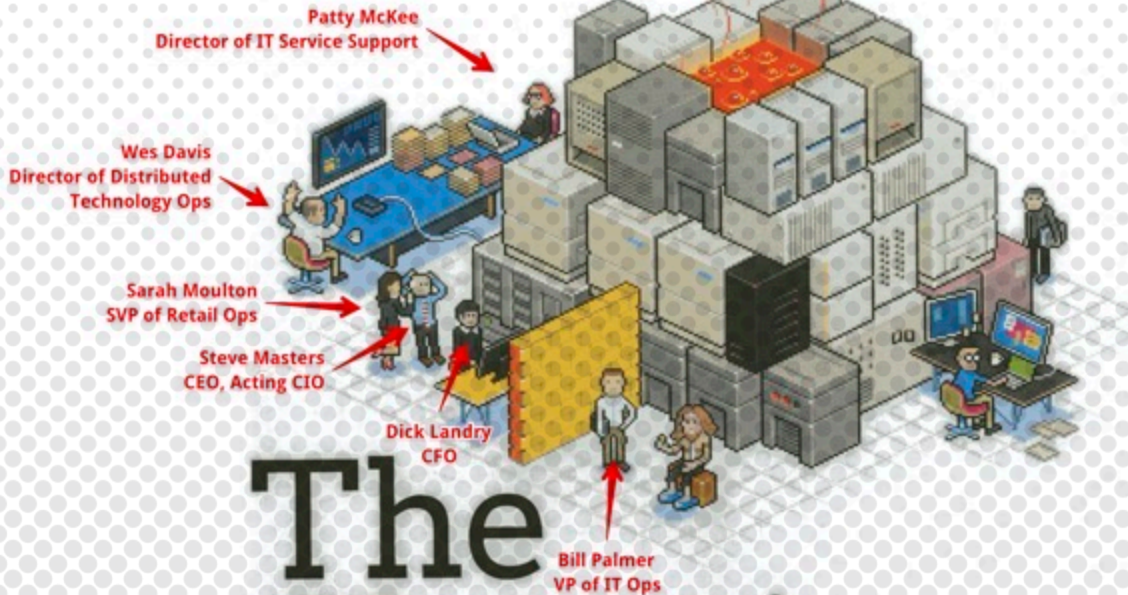
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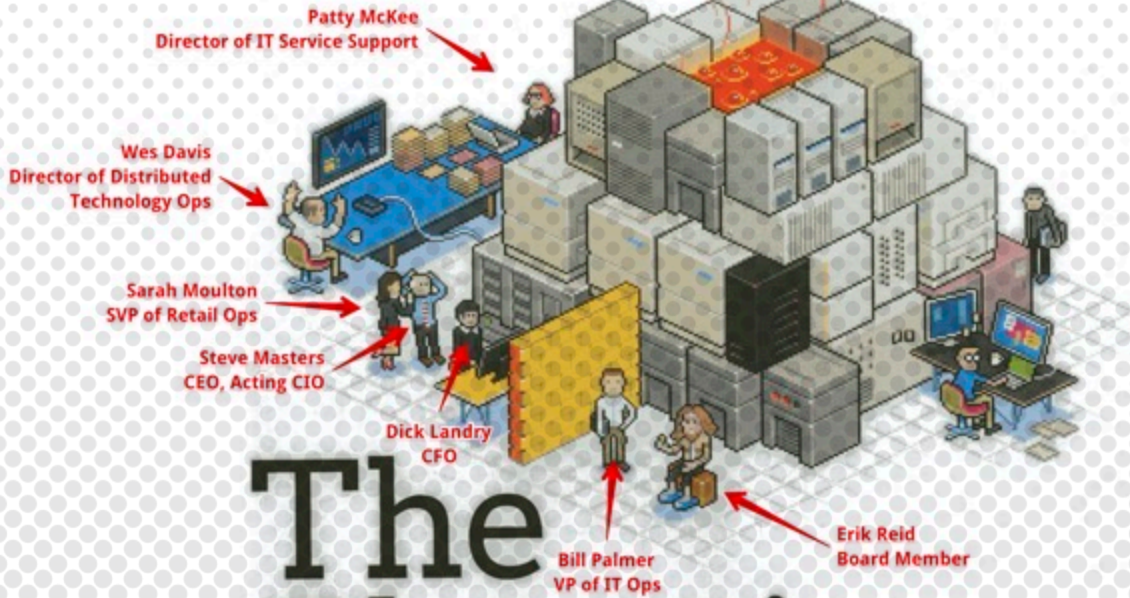
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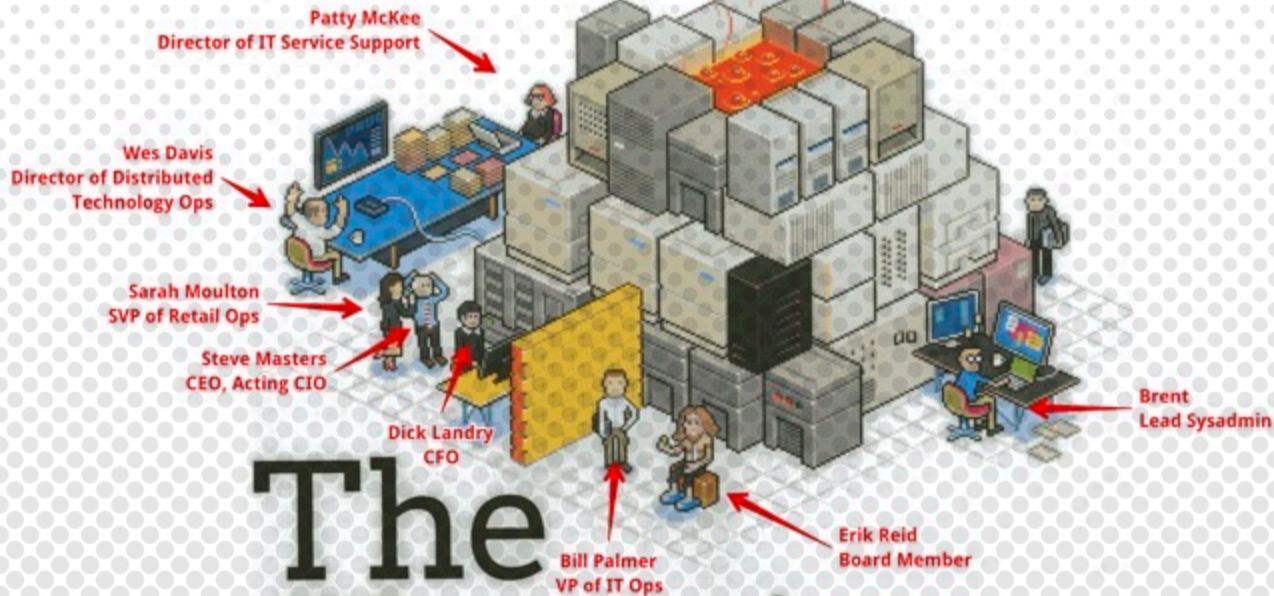


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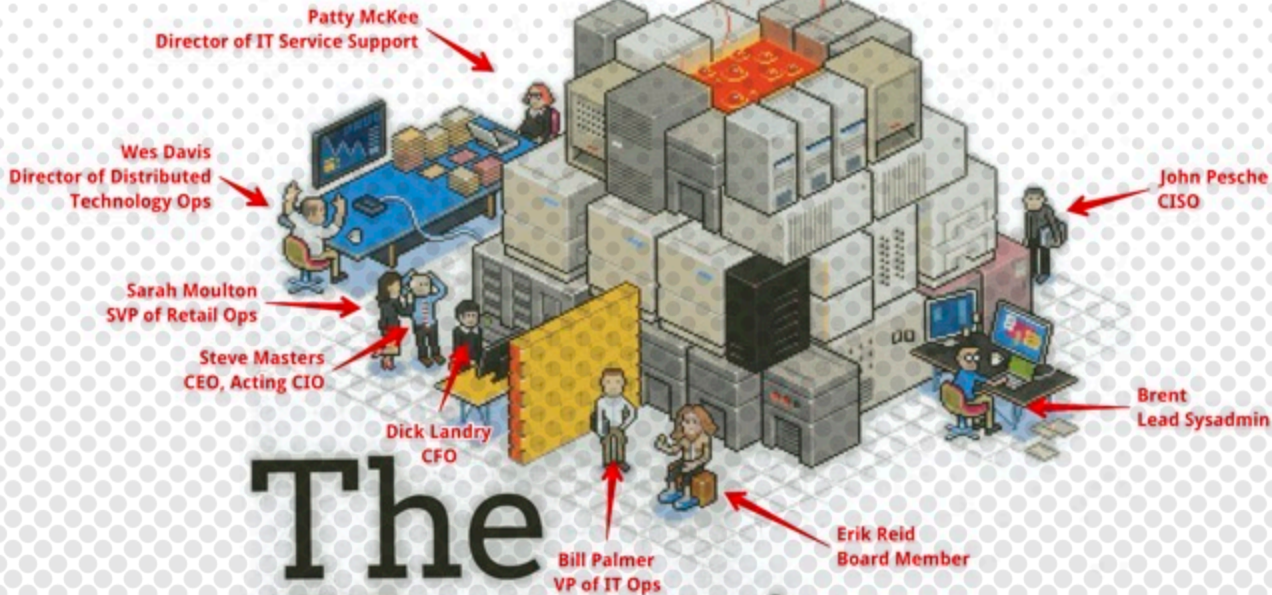
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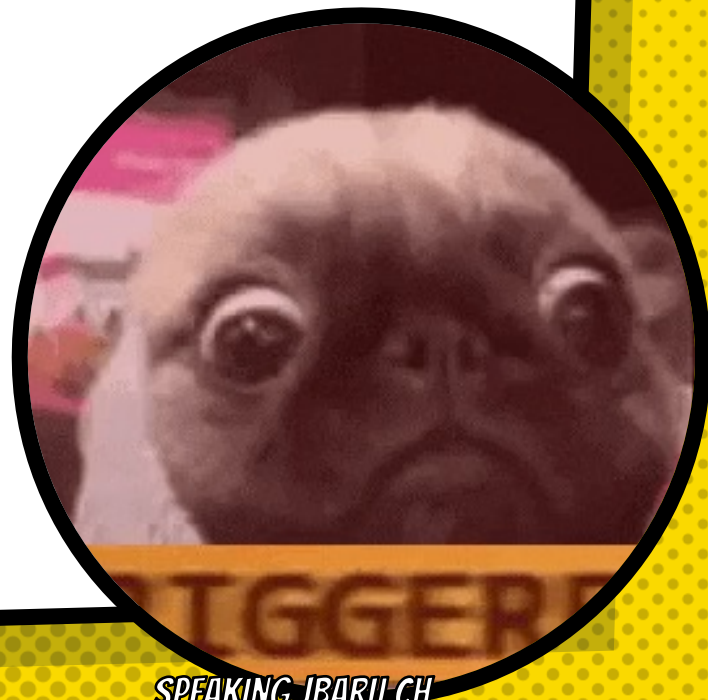
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***NOT A SINGLE
DEVELOPER!***



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About 350,000,000 results (0.40 seconds)



Amazon.com

<https://aws.amazon.com/devops/what-is-devops>

What is DevOps? - DevOps Models Explained

DevOps is the combination of cultural philosophies, practices, and tools that increases an organization's ability to deliver applications and services at ...

[AWS DevOps Competency](#) · [What is Continuous Integration?](#)



Atlassian

<https://www.atlassian.com/devops>

What is DevOps?

DevOps is a set of practices, tools, and a cultural philosophy that automate and integrate the processes between software development and IT teams.



GitLab

<https://about.gitlab.com/topics/devops>

What is DevOps?

DevOps is a combination of software development (dev) and operations (ops). It is defined as a software engineering methodology which aims to integrate the work ...

[Continuous Delivery \(CD\): Continuous deliver...](#) [Agile: Agile development means taking iter...](#)

[Continuous Integration \(CI\): The practice of re...](#) [Version control: The fundamental practice o...](#)

[DevOps explained](#) · [The four phases of DevOps](#) · [The DevOps lifecycle and how...](#)



Microsoft

<https://learn.microsoft.com/en-us/what-is-devops>

What is DevOps?

Jan 25, 2023 — DevOps enables coordination and collaboration between formerly siloed roles like development, IT operations, quality engineering, and security.

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Y THO...



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As a Linux system administrator, how do I shift my career to DevOps?



Disha Rathod

DevOps Online Trainer (2013–present) · 5y

Hi,

Being a Linux administrator will help you to easily get started with DevOps because it starts with learning Linux fundamentals, DevOps also includes cloud computing concepts like AWS. More importantly DevOps is all about tools, it comes with hundreds of tools **Git**, Chef, Maven, Jenkins, Puppet, Docker are modern and most popular DevOps tools.

So in order to move into DevOps industries you should have prominent knowledge following concepts

1. Linux Fundamental; Shell Scripting
2. Cloud Computing (AWS)
3. DevOps Fundamentals
4. Software Development Life Cycle
5. Continuous Integration, Deployment, and Delivery.



System Administrator Salary

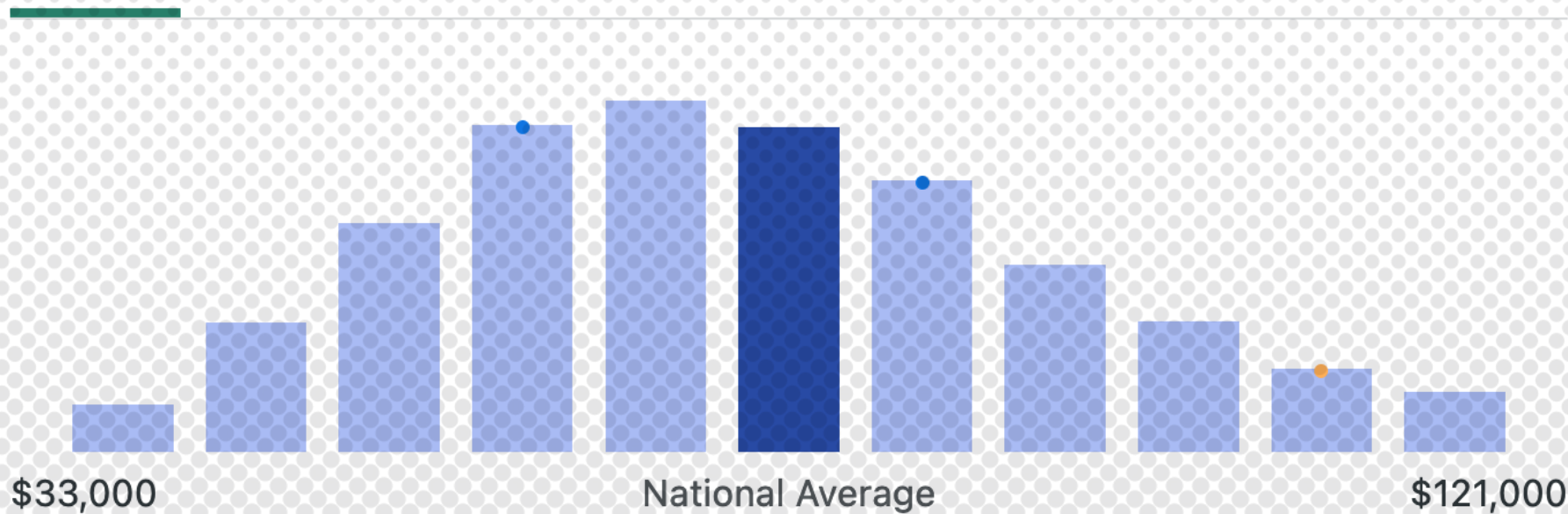
Yearly

Monthly

Weekly

Hourly

Table View



\$76,644 /year



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\$37 /hour *#DPE*

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Devops Engineer Salary

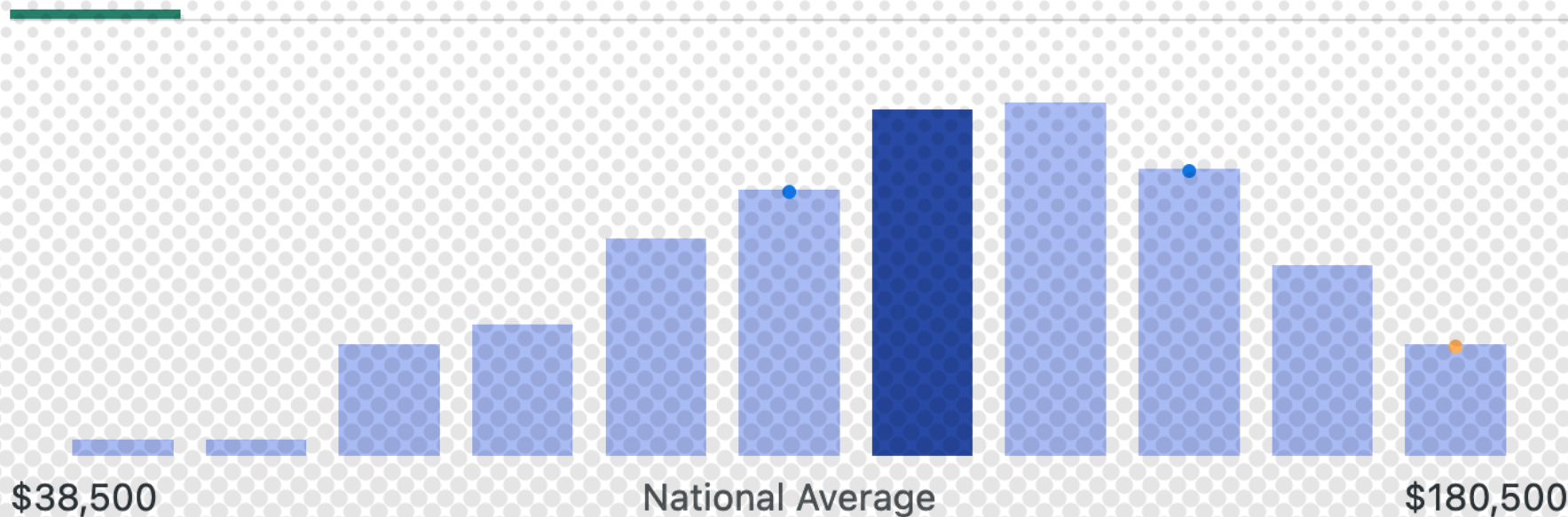
Yearly

Monthly

Weekly

Hourly

Table View



\$127,036 /year



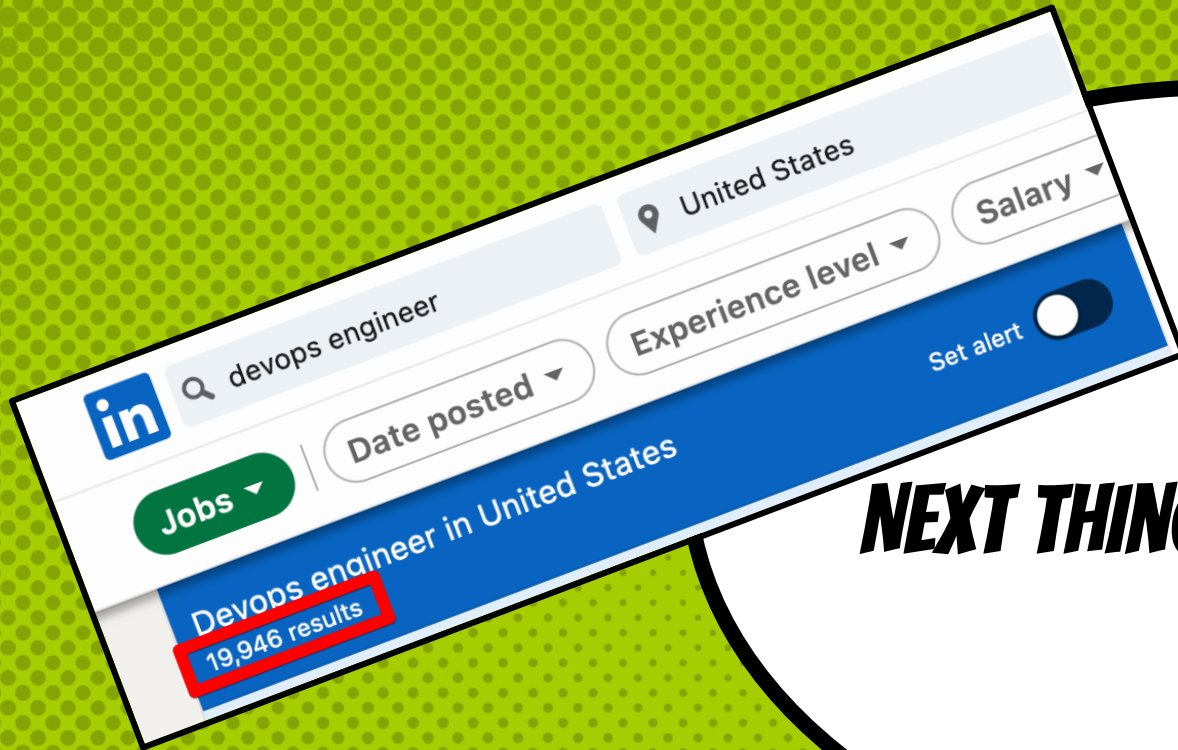
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\$61 /hour

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NEXT THING YOU KNOW...



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AND THIS:



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RAGE!

**(BUT WE'LL GET
TO IT IN A SEC)**



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DEVELOPERS AT 5:00 PM



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A new
monolith of
undeployable,
untested
spaghetti

Ops
people ←

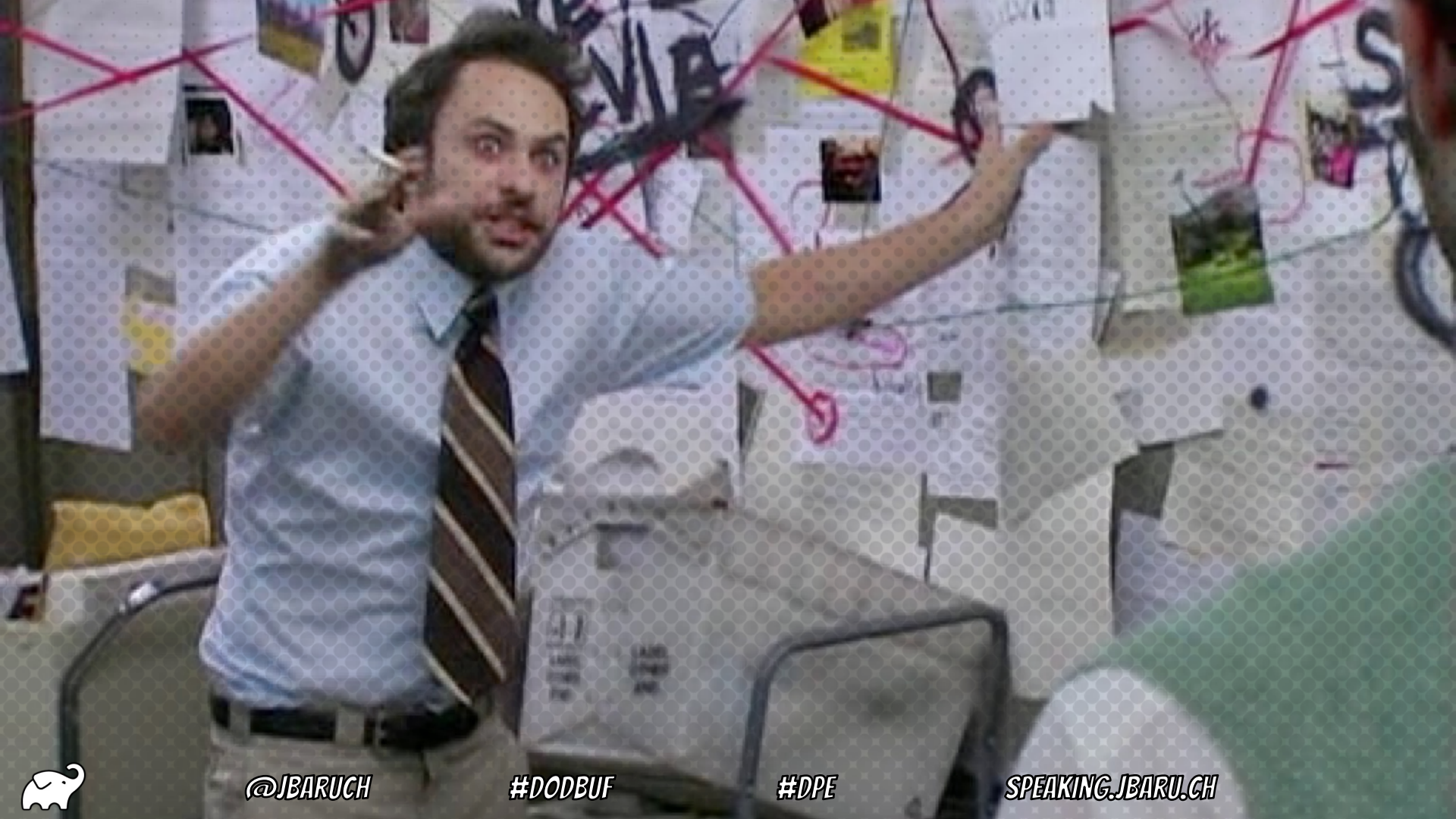


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WELCOME TO DEVOPS!



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**10 YEARS OF TRYING...
AND DEVELOPERS STILL
AREN'T EXCITED ABOUT
DEVOPS**



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**HOW DO WE GO
FROM 😞 TO 😄 ?!**



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HELLO!



I am Baruch and I have an obsession



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***"DEVOPS ENGINEER"
IS NOT A THING***

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COLLABORATION ENGINEER

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**WHAT YOU SEE WHEN
YOU HEAR THE TERM
"DEVOPS TEAM"**

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**WHAT I SEE WHEN
I HEAR THE TERM
"DEVOPS TEAM"**

Dystopian TV show
about how
in a ruined and toxic
world thousands
live in a giant silo.

THE TRUTH WILL SURFACE

S I L O

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LET'S

BREAK DOWN THIS SILO!

THE RISE OF THE DEVDEVOPS!

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ENGINEERING ASPECT OF DEVOPS

Jokes Aside



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Class SRE implements DevOps.



**NO ONE WANTS TO BE A "SITE
RELIABILITY ENGINEER"**

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***WELCOME TO OUR NEW LORD
AND SAVIOR:
"PLATFORM ENGINEERING"!***

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***"DEVOPS ENGINEERS
ARE REBRANDING
THEMSELVES AS
PLATFORM ENGINEERS"***



Scott Shaw
Chief Technology Officer,
APAC, Thoughtworks



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**EVERYBODY WANTS TO BE A
"PLATFORM ENGINEER"**

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About 33,800,000 results (0.41 seconds)



The New Stack

<https://thenewstack.io> › Blog

How Is Platform Engineering Different from DevOps and ...

Sep 16, 2022 — **Platform engineering** is the next stage of the **DevOps** evolution. It encompasses the best intentions of the cultural shifts that came before it.



TechTarget

<https://www.techtarget.com> › searchitoperations › tip › Pl...

Platform engineering vs. DevOps: What's the difference?

Apr 13, 2023 — **DevOps** teams create the software, with a focus on accelerating delivery and enhancing quality, whereas **platform engineers** implement and manage ...

People also ask



what is platform engineering in a sentence?



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what is platform engineering in a sentence?



Platform engineering is about building and managing scalable infrastructure and services that enable developers to efficiently deploy and run applications.



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what is platform engineering in a sentence?



Platform engineering is about building and managing scalable infrastructure and services that enable developers to efficiently deploy and run applications.



so, someone who writes all the yaml files for the organization?



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#DPE

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what is platform engineering in a sentence?



Platform engineering is about building and managing scalable infrastructure and services that enable developers to efficiently deploy and run applications.



so, someone who writes all the yaml files for the organization?



Haha, you could say that! They often handle YAML files for Kubernetes, CI/CD pipelines, and config management, but their role goes beyond just "YAML engineering." They set the stage for devs to do their best work.

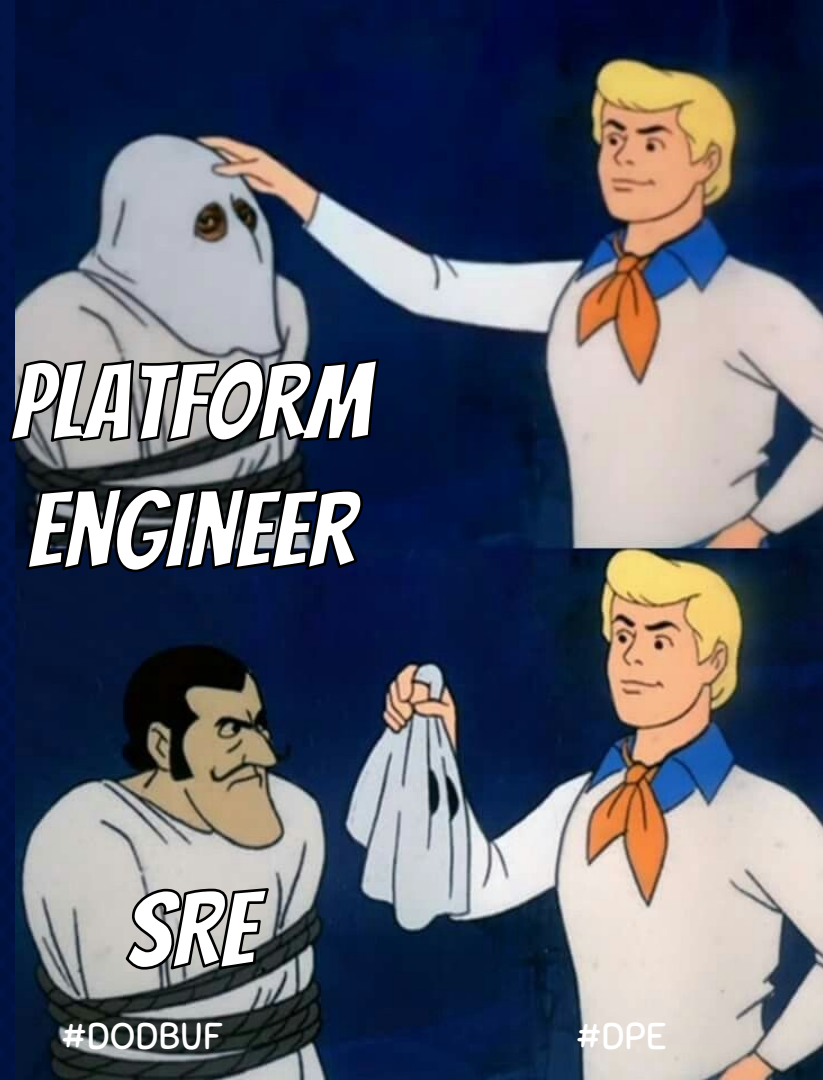


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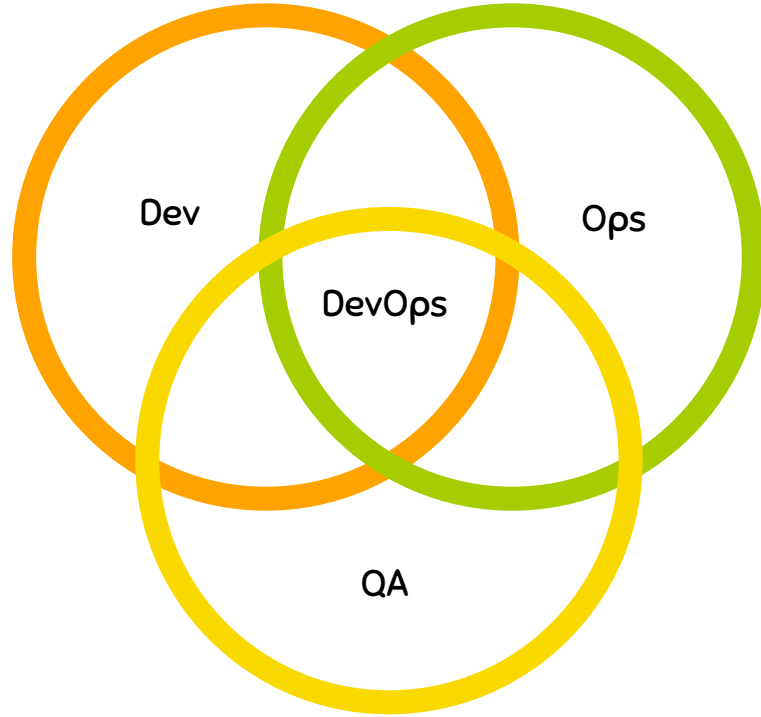
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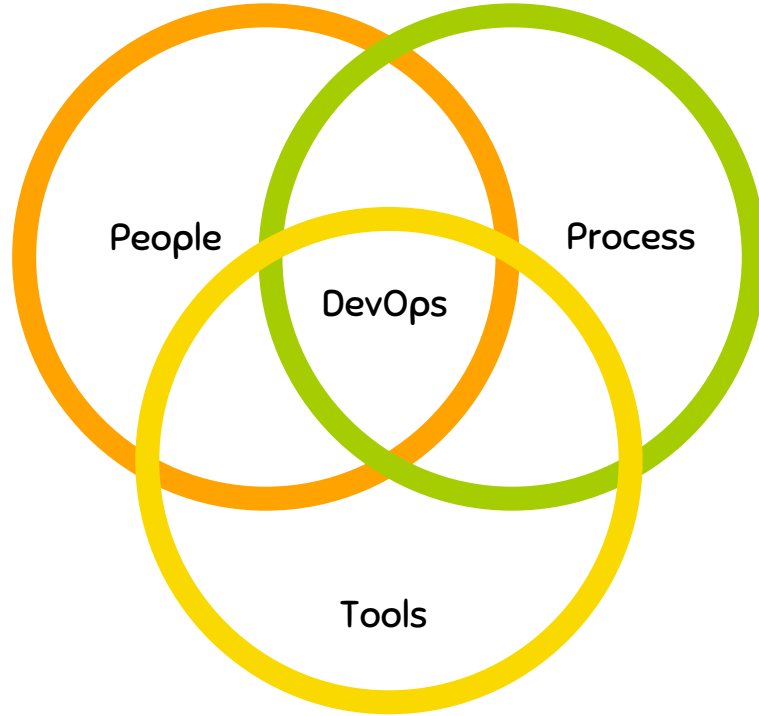
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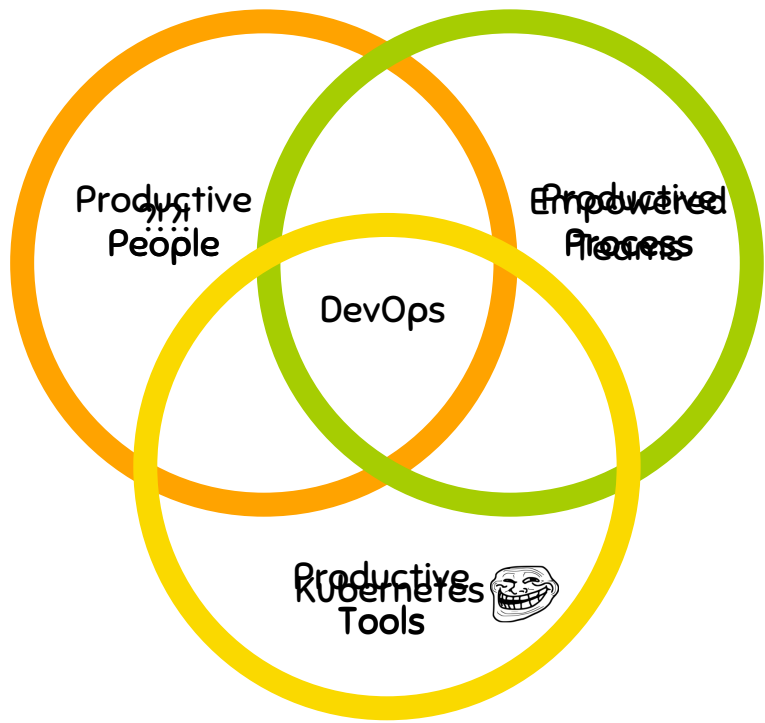


**PLATFORM
ENGINEER**

SRE







THE PAIN IS REAL

Builds and Tests are Slow!

90% of surveyed IT organizations experienced challenges with too much time spent waiting on build and test feedback.



Source: TechValidate survey of 40 users of Gradle Enterprise



TechValidate
by SurveyMonkey

✓ Validated

Published: May. 30, 2023 TVID: AE3-632-6FE

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Development Pains are Widespread

Which of the following challenges or pain points did your organization experience prior to implementing Developer Productivity Engineering?

Too much time spent waiting on build and test feedback either locally or during CI

84%

Inability to easily troubleshoot and determine the root cause of build, test and CI failures including flaky tests

65%

Insufficient observability of analytics on build and test performance and regressions, failure trends, and productivity bottlenecks

59%

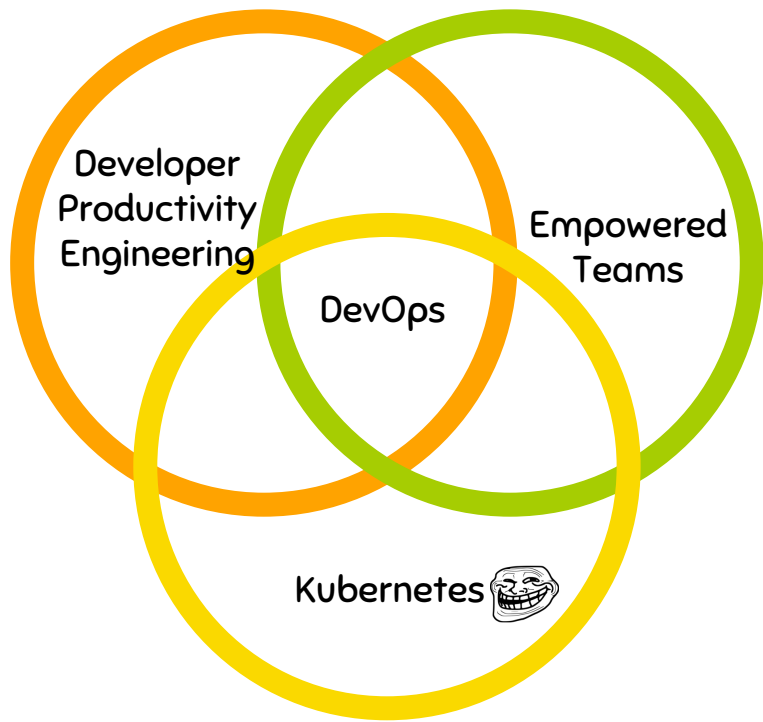


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DEVELOPER PRODUCTIVITY ENGINEERING

Foster Faster Feedback

Collaborate through
Effective Tooling

Embrace Rigorous
Observability for
Proactive Improvement

Eliminate Toil for
Developers

Prioritize Automation
and Eliminate
Bottlenecks

Dedicated
Organizational Mindset

Outcomes Over Output



DPE Dramatically Improves Productivity

Almost every surveyed IT organization agreed that “Since integrating Developer Productivity Engineering into our development process, the time savings we experienced on build and test cycle times have dramatically improved developer productivity.”



Source: TechValidate survey of 63 users of Gradle Enterprise

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 Gradle

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TechValidate
by SurveyMonkey

GRADLE ENTERPRISE CUSTOMER STATISTIC

DPE Fosters Developer Joy

84% of surveyed users agree that DPE's impact on their toolchain makes their job more enjoyable.



Source: TechValidate survey of 51 users of Gradle Enterprise

✓ Validated

Published: Jul. 2, 2023 TVID: 930-05A-A5F



TechValidate
by SurveyMonkey



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***BUT DPE IS
NOT MY JOB!***



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***BUT DEVOPS IS
NOT MY JOB!***



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DEVOPS VS DPE

DEVOPS

DPE



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DEVOPS VS DPE

DEVOPS

DPE

OUTCOME

The product

More productive
work



DEVOPS VS DPE

DEVOPS

DPE

OUTCOME

The product

More productive
work

URGENCY

On everybody's
minds

Slips away



DEVOPS VS DPE

	<i>DEVOPS</i>	<i>DPE</i>
<i>OUTCOME</i>	The product	More productive work
<i>URGENCY</i>	On everybody's minds	Slips away
<i>ORG STRUCTURE</i>	Organizational culture	Specialized team





***THE BEST DPE ORGANIZATIONS
BUILD FOCUSED TEAMS***




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[UNIVERSITY](#)
[LIFE AT SNOWFLAKE](#)

ENGINEERING MANAGER - DEVELOPER PRODUCTIVITY ENGINEERING


San Mateo, California, USA
 Engineering 2500

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Productivity & IT


Build and refine the technology, tools, and systems our employees need to succeed. Our Productivity and IT team includes Developer Productivity and Enterprise Productivity.


[See team jobs](#)




Senior Software Engineer - Platforms and Engineering Productivity


Microsoft · Mountain View, CA (Remote) · 1 day ago · 58 applicants

 \$112,000/yr - \$238,600/yr (from job description) · Full-time

 10,001+ employees · Software Development

 79 connections work here · 1 company alum works here · 59 school alums

 Skills: Continuous Delivery (CD), Customer-Focused Selling, +8 more

 View verifications related to this job post. [Show all](#)


How We Improved Developer Productivity for Our DevOps Teams


 August 27, 2020
 Published by Maria Jernström and Jason Palmer

Spotify R&D




Across Spotify, our teams diligently strive to fulfill our mission to “unlock the potential of human creativity by giving millions of creative artists the opportunity to live off their work, and billions of fans the opportunity to enjoy the music they love.”

 JOBS




Senior Fullstack Software Engineer, Developer Productivity

Remote, United States Remote, United States
 Partnership


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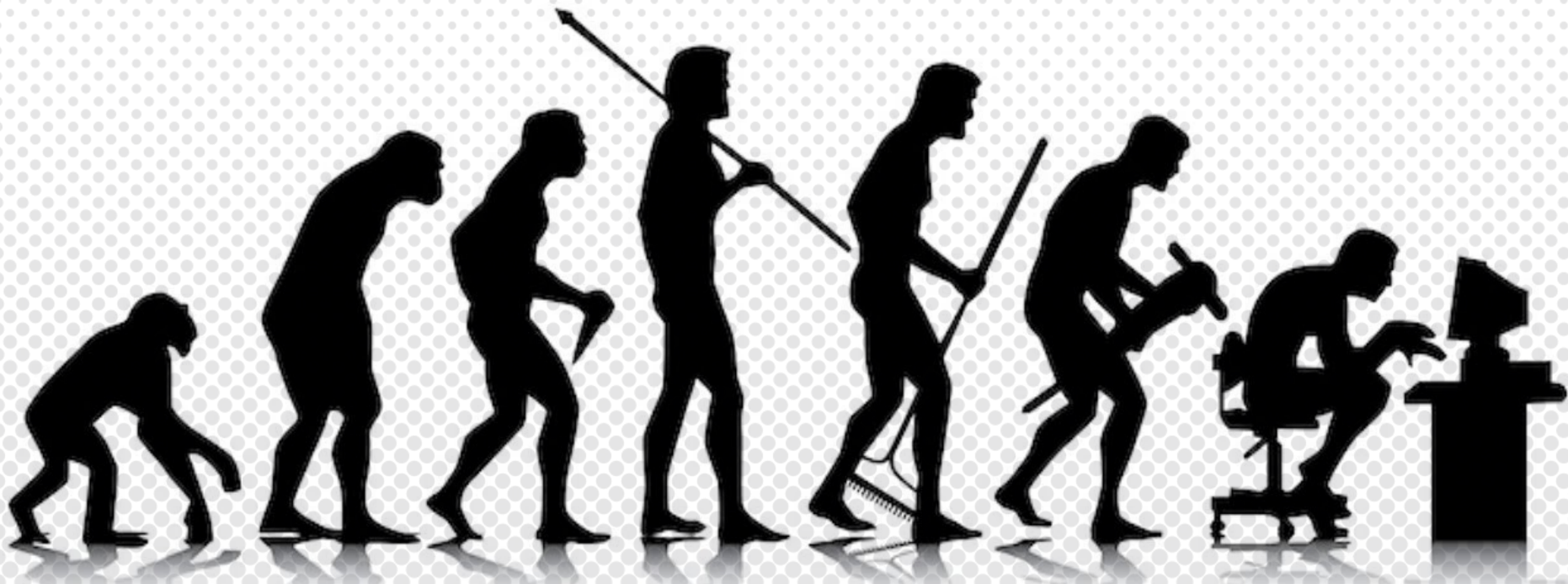


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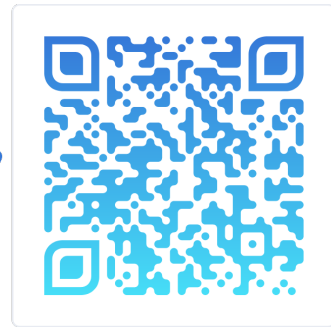
DEVOPS? SRE? PE? DPE?

- × DevOps mainly solves Ops' concerns
- × It is is a collaborative methodology
- × It needs engineering implementation
- × Call it SRE or call it PE, someone has to write all those YAML files
- × But what about People Productivity?
- × DPE has the answer and it's another pillar of DevOps Engineering implementation



LEARN MORE AND TRY IT TODAY!

- × Take the Gradle/Maven Speed Challenge
- × Be DPE Agent of Change!
- × Read the DPE Handbook
- × Watch the DPE Summit videos



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Q&A AND SOCIAL ADS



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