

# DevOps EXPERIENCE

VIRTUAL CONFERENCE

TAKE THE TRIP THURSDAY, OCT. 10 AT 10 AM EST



## AGENDA

*\* All sessions are scheduled in Eastern Standard Time (EST)*

**10:00 AM - 10:05 AM**

**Welcome to DevOps Experience 2019**

- Alan Shimel

**10:05 AM - 10:30 AM**

**Keynote: The Unicorn Project**

- Gene Kim

**10:30 AM - 11:00 AM**

**Keynote: Performance, Productivity and Culture, OH MY!**

- Dr. Nicole Forsgren

**11:00 AM - 11:30 AM**

**Managing InfluxDB and Time Series Data at Scale (The Wayfair Experience)**

- Jim Hagan

**The Challenges of Scaling DevSecOps**

- Shiri Ivtsan

**11:30 AM - 12:00 PM**

**DevOps Wars: Winning Strategies From the Battlefield**

- Julio Villarreal Pelegrino

**How to Defend an Application with Accuracy**

- Erik Costlow

## 12:00 PM - 12:30 PM

### **Keynote:** Turn Human Capital into High Performance Organizational Capital

- John Willis

## 12:30 PM - 1:00 PM

### Visit the Solution Zone

## 1:00 PM - 1:30 PM

### Infrastructure as Code - Yes, It Applies to z/OS as Well!

- Rosalind Radcliffe

### Shifting Left, Integration and Automation: Achieving DevOps Velocity Without Sacrificing Security

- Chris Miller

## 1:30 PM - 2:00 PM

### How to Leverage Config as Code and GitOps with Feature Flags

- Erez Rusovsky

### Operationalizing DevSecOps: Best Practices for Cloud Native Applications

- Keith Mokris

## 2:00 PM - 2:30 PM

### **Keynote:** Engineering the Digital Transformation

- Gary Gruver

## 2:30 PM - 3:00 PM

### Mixing Compliance and Risk Management with DevOps

- Jeff Keyes

### Lessons Learned in Nine Years: Building a Cloud-Native App

- Stefan Zier

## 3:00 PM - 3:30 PM

### Accelerate Your Digital Transformation

- John Jeremiah

### How to 'Shift-Left' Security and Automate Container Secu- rity Into Your CI/CD Pipeline

- Fei Huang

### 3:30 PM - 4:00 PM

#### DevOps Quality Metrics that Matter: Forrester Research Findings

- Wayne Ariola

#### Defining the DevOps Landscape

- Tracy Ragan

### 4:00 PM - 4:30 PM

#### Couples Therapy for DevOps and ITIL

- Jayne Groll

#### DevOps GOLD: A Model for Enterprise DevOps Adoption

- JP Morgenthal

### 4:30 PM - 5:00 PM

#### How to Really Accelerate a B2C Mobile App Delivery

- Paulo Barros de Carvalho

#### Keep Ops and Dev on the Same Page with AIOps

- Peter Luff and John Willsey

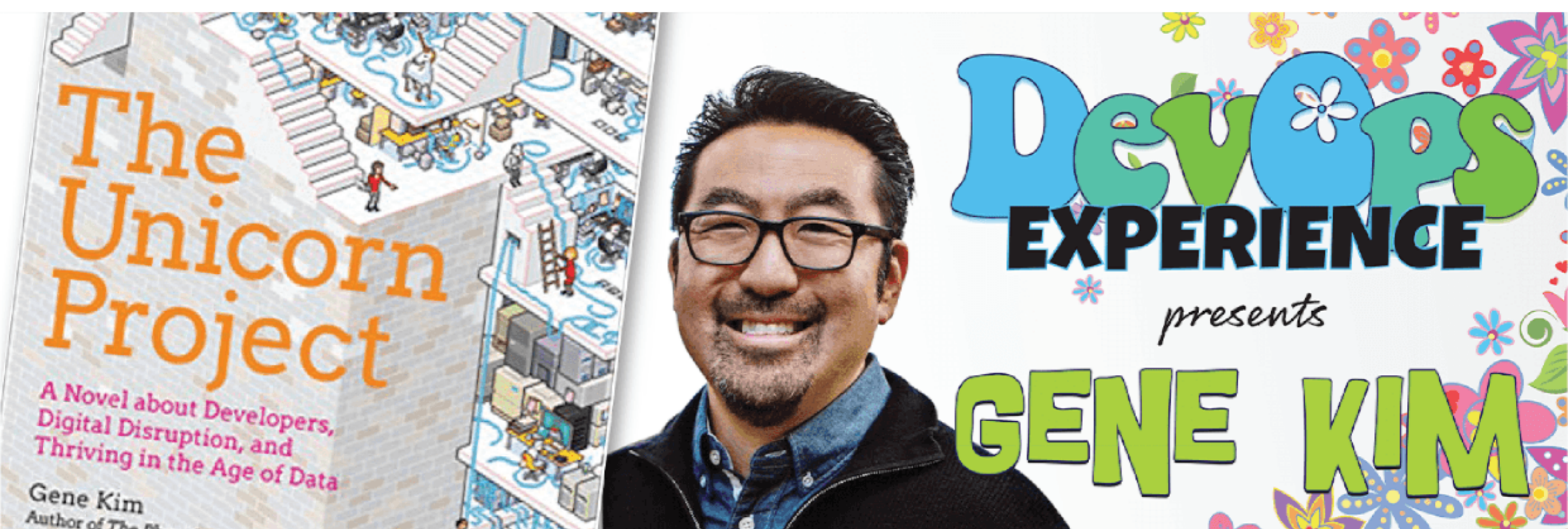
### 5:00 PM - 5:30 PM

#### DevOps Experience: DevOps as a Transformation Strategy

- Mitch Ashley

#### DevOps Patterns and Antipatterns for Continuous Software Updates

- Baruch Sadogursky and Stephen Chin



WIN FREE COPY OF "THE UNICORN PROJECT"

\* Make sure to join DevOps Experience Quest! Earn points by participating in webinar sessions, visiting sponsors booths, chatting with mentors, and interacting with other conference features. EARN BONUS POINTS by finding the hidden "DevOps Love" object in various rooms and solution zone booths!

# SESSIONS

**10:00 AM - 10:05 AM**

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## Welcome to DevOps Experience 2019

**Alan Shimel, CEO & Founder, MediaOps Inc.**

Alan Shimel, CEO & Founder at MediaOps, will give the opening remarks to the DevOps Experience Virtual Summit.

**10:05 AM - 10:30 AM**

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## Keynote: The Unicorn Project

**Gene Kim, Author, Researcher, and Founder of IT Revolution**

"The Unicorn Project, A Novel about Developers, Digital Disruption, and Thriving in the Age of Data," the latest book by award-winning DevOps author Gene Kim, is scheduled to be released in November. During his keynote at DevOps Experience, Gene will discuss what the book is about, how it relates to his first book, "The Phoenix Project," and what he thinks are the book's most important lessons.

**10:30 AM - 11:00 AM**

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## Keynote: Performance, Productivity, and Culture, OH MY!

**Dr. Nicole Forsgren, Research and Strategy, Google Cloud**

Dr. Nicole Forsgren brings you the latest in what it takes to be an elite performer with highlights from DORA's 2019 Accelerate State of DevOps Report.

This year's study helps you answer these questions: What does it take to be a high performer? (And by the way – the latest data shows super interesting shifts in the industry, confirming analyst reports that DevOps has "crossed the chasm.") This year, we also dig into not just performance but also productivity, and show that smart investments in tools, information search, and reducing technical debt can help support productivity – which can lead to improved work/life balance and reductions in burnout. Come tune in for this and so much more!

**11:00 AM - 11:30 AM**

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## Managing InfluxDB and Time Series Data at Scale (The Wayfair Experience)

**Jim Hagan, Team Lead, Wayfair**

In this session, Jim Hagan will present their highly distributed multidata center metrics pipeline, and how they efficiently blend data from multiple data centers. He'll discuss some of the details such as collection, mirroring and replication, traffic shaping and will give a sneak preview of the new aggregation layer.



## The Challenges of Scaling DevSecOps

**Shiri Ivtsan, Senior Product Manager, WhiteSource**

Organizations enjoy the speed DevOps brings to development and delivery. However, most security and compliance monitoring tools have not been able to keep up, becoming the most significant barrier to continuous delivery. Now some good news: You can easily integrate security into your existing processes to solve this challenge. In this session, Shiri Ivtsan, senior product manager at WhiteSource, will discuss:

- Leveraging the DevSecOps approach to help speed up security
- Scaling security into your agile processes
- Five easy ways to start driving DevSecOps in your organization

**11:30 AM - 12:00 PM**

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## DevOps Wars: Winning Strategies From the Battlefield

**Julio Villarreal Pelegrino, Chief Architect, Cloud & Infrastructure, Red Hat**

Over the years, the IT landscape has evolved considerably impacting the way businesses run and deliver services. Today, the evolution continues, and new practices such as DevOps are a crucial component of the digital transformation process.

In this session, we will discuss real-life use cases from the trenches that showcase what to do and what to avoid when adopting DevOps process. We will provide examples from our customers that demonstrate how using the right methodologies, culture shifts and tools could positively impact your business while fostering collaboration and innovation.



## How to Defend an Application with Accuracy

**Erik Costlow, Developer Relations, Contrast Security**

The most effective way to defend an application is to focus on what it actually does. For example if an application doesn't use SQL, it won't be vulnerable to SQL Injection. Tools such as the free Contrast Community Edition enable teams to watch running code and observe what this code actually does, focusing time and effort on the things that matter. In addition to accuracy, this improves performance because the defenders have contextual information that can be used for defense. In essence this moves defense up from Layer 7, watching data over the network, into a more modern Layer 8 of how the application actually uses the data.

**12:00 PM - 12:30 PM**

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## Keynote: Turn Human Capital into High Performance Organizational Capital

**John Willis, CEO & Founder, Botchagalupe Technologies**

In this insightful presentation from the one and only Botchagalupe, John Willis, we look at how today's CXOs facing digital transformation, DevOps, Agile, Lean and more feel like they are in a box, but blind and unable to know which way to go.

How do they navigate the minefield to transform their organization into a high performance organization? John revisits a topic he has explored a few years back but with a new perspective, having spoken with numerous large financial, healthcare and manufacturing organizations. It is a recipe for success, understanding who your real competitors are, what you need to do to win and how to attract and retain top level talent. It is vintage Batchagalupe at his best. You can't miss it.

## 12:30 PM - 1:00 PM

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### Visit the Solution Zone

**Stop by the Solution Zone to check out a large line-up of sponsors, solutions they offer, and a chance ask to your questions and win prizes!**

## 1:00 PM - 1:30 PM

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### Infrastructure as Code - Yes, It Applies to z/OS as Well!

**Rosalind Radcliffe, Distinguished Engineer, Chief Architect for DevOps for Enterprise Systems, IBM**

Your organization is successfully transforming to DevOps but part of the environment seems to be slowing everything down. The back end mainframe systems continue to take longer to change, and have limited ability to innovate and experiment.

What if you could use the same practices and even many of the same open source tools to apply the same dynamic environment practices to the mainframe?

This session will show how it is possible to use the same open source tools to build a pipeline for z/OS including dynamic provisioning of resources, isolated testing environments and production deployment.

Infrastructure as Code is a method to provision and manage IT infrastructure through the use of code, rather than through standard operating procedures and manual processes. Done correctly, it can help avoid cloud deployment inconsistencies, increase developer productivity and lower costs. Join us to see infrastructure as code practices applied to the mainframe environment and learn how the transformation is automated for speed and consistency.



### Shifting Left, Integration and Automation: Achieving DevOps Velocity Without Sacrificing Security

**Chris Miller, Principal Security Program Manager, Veracode**

Is security at odds with your DevOps methodology? Does 'skipping' security in your development cycle introduce unacceptable risk for the business?

Fear not. Join Chris Miller, principal security program manager at Veracode, to discuss tactics you can employ to seamlessly integrate application security into your DevOps practice to transform it into an effective and efficient DevSecOps practice.

## 1:30 PM - 2:00 PM

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## How to leverage Config as Code and GitOps with Feature Flags

**Erez Rusovsky, Director of Product Management, CloudBees**

Are feature flags an integrated part of your change management practice? Or are they rogue changes in the production environment that have you crossing your fingers and your operations and security counterparts wincing?

In this session you'll learn how to de-risk your production deployments with the use of feature flags by adding the power of configuration-as-code and GitOps.

- \* Understand the value of an enterprise feature flag management solution
- \* Maintain the same accountability, governance and traceability as the rest of the code in the change management process
- \* Integrate with the SCM and automatically update your Github repo when your feature flags change
- \* Use GitOps to roll back feature changes, clone feature configuration between environments and coordinate with existing change management approval processes



## Operationalizing DevSecOps: Best Practices for Cloud Native Applications

**Keith Mokris, Product Marketing Manager, Palo Alto Networks**

Organizations are leveraging the tools and practices to build and deploy cloud native apps faster than ever before. As developers and DevOps teams embrace new technologies such as containers to deliver software quickly, security can be challenged to keep up with the frenetic pace of modern CI/CD workflows.

Modern enterprises, which build and deploy weekly or daily, can easily have 10s of thousands of container images spread across multiple registries and production environments—creating security challenges at tremendous scale. Enter DevSecOps! This talk will highlight:

- Key steps to enable DevSecOps at the build, when you deploy, and at runtime
- The need to implement proper tooling around image trust and compliance
- Success stories from organizations doing DevSecOps right

**2:00 PM - 2:30 PM**

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## Keynote: Engineering the Digital Transformation

**Gary Gruver, President, Gruver Consulting**

"Engineering the Digital Transformation" provides systematic approaches for improving how software is developed for a broad range of applications. It is an introduction to Gary Gruver's latest book.

Unlike most books in the industry, which concentrate on providing a variety of different practices that work for software, this book will focus on high-level principles for engineering improvements. These principles are based on what has been proven to work well in manufacturing but will be modified to address software's unique characteristics and capabilities.

**2:30 PM - 3:00 PM**

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## Mixing Compliance and Risk Management with DevOps

**Jeff Keyes, Director of Product Marketing, Plutora**

Agile, DevOps and the rise of product-oriented teams have dramatically changed the landscape of how software is developed.

Controlling cultures, risk management and compliance create the largest friction slowing down the adoption of these practices. Tools and practices exist now that enable the cultural and technical shift in DevOps to not only adopt compliance and risk management but improve on their legacy implementations.

## Lessons Learned in Nine Years: Building a Cloud-Native App



**Stefan Zier, Chief Architect, Sumo Logic**

As Chief Architect, Stefan has scaled Sumo Logic's microservices based architecture across the world serving thousands of customers with software built by hundreds of engineers. In this session, Stefan will share lessons learned from nearly a decade of building and scaling the company's cloud native service.

**3:00 PM - 3:30 PM**

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## Accelerate Your Digital Transformation

**John Jeremiah, IT & Software Marketing Leader, Evangelist and TEDx speaker, GitLab**

Business velocity in the digital economy determines the winners. The faster your software teams can work, the faster you can compete.

But, the hardest parts of delivering software is keeping the teams aligned and focused. Teams waste time waiting for inputs, fixing mistakes, shifting from one tool to another, waiting for infrastructure and maintaining tool-chains; all creating friction and slowing business innovation. It doesn't have to be slow, learn how to accelerate your software delivery and win in the digital economy.

- \* Enable effective collaboration to reduce friction
- \* Reduce the barriers between teams to increase velocity without sacrifice
- \* Evolve toward containers and Kubernetes enable faster cycle time.
- \* Adopt a "minimum viable change" mindset to accelerate delivery

## How to 'Shift-Left' Security and Automate Container Security Into Your CI/CD Pipeline



**Fei Huang, CEO and Co-Founder, NeuVector**

DevOps teams are being asked to integrate security into the pipeline, to 'shift-left' security. This is critical because as more container-based applications move down the CI/CD pipeline into production, the risk of damaging attacks and data breaches increases.

Join NeuVector in this session to explore the attack surface in a pipeline and to learn how to integrate and automate container security, from vulnerability management to run-time protection.

**3:30 PM - 4:00 PM**

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## DevOps Quality Metrics that Matter: Forrester Research Findings

**Wayne Ariola, CMO, Tricentis**

With DevOps, almost every aspect of application delivery has been put under the microscope and re-evaluated. Quality metrics have largely escaped that scrutiny...until now.

Tricentis recently commissioned Forrester to research how 75 quality metrics are used and valued among 603 DevOps leaders and laggards. The goal: provide the software testing community an objective perspective on which quality metrics matter most for DevOps success.

In this session, we'll take a deep dive into the findings, answering questions such as:

- \* In the context of DevOps, do the "popular" quality metrics such as number of automated tests, test case coverage, and pass/fail rate really matter?
- \* Which metrics are best suited for ensuring continuous updates won't undermine the very user experiences you're working so hard to enhance?
- \* How do your team's quality metrics rank? Are you taking advantage of the 'hidden gems' or getting caught up in vanity metrics?



## Defining the DevOps Landscape

**Tracy Ragan, CEO, DeployHub**

DevOps was born from continuous integration (CI). From CI we evolved to continuous delivery (CD) which has been a driving force in the DevOps market. CD has created a landscape of tools that automate all pieces of the DevOps process from builds to deploy and everything in between.

This session will help define the different players in the CD landscape and where they fit in the overall DevOps market.

**4:00 PM - 4:30 PM**

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## Couples Therapy for DevOps and ITIL

**Jayne Groll, Co-founder & CEO, DevOps Institute**

As Agile and DevOps speed ahead with automated releases, smaller changes and less self-organizing teams, the traditional approach of ITSM may appear to be outdated.

This can lead to conflicts between the various camps of followers. This session explores the genesis of the disconnect between DevOps and ITSM and offers suggestions for aligning service management practices to DevOps.



## DevOps GOLD: A Model for Enterprise DevOps Adoption

**JP Morgenthal, CTO, DXC**

Businesses are having difficulty adopting and scaling DevOps because it's a multi-layered, human-centric, technology-enabled endeavor that is instead approached through a singular-layer, technology-centric lens.

Moreover, the layers are not clearly defined in a way that enables businesses to design an effective strategy given their current skill makeup and organization configuration.

DevOps GOLD provides a systematic framework for thinking through the various drivers of successful DevOps implementations. It recognizes DevOps adoption is comprised of multiple layers containing tasks/outcomes that can happen in serial or parallel. GOLD also recognizes DevOps adoption must be considered through multiple lenses within the organization, each with its own incentives for success.

## 4:30 PM - 5:00 PM

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### How to Really Accelerate a B2C Mobile App Delivery

*Paulo Carvalho, Engagement Manager, Outsystems*

Digital transformation has had a huge impact on the financial services industry with new market entrants and demanding customers making it more competitive and tech-driven than ever before.

To keep up, you need to be at the top of your game. Which is why thinkmoney, a UK-based banking service provider, decided to embark on a major digital-first transformation program allowing them to compete at a higher level and become a market leader in the digital banking sector. Wondering how they were able to accomplish this? Create an exceptional digital experience journey across all mobile devices.

Join this session to see how thinkmoney created an exceptional digital experience journey by providing to their customers a B2C home banking mobile app in 14 weeks. You'll see how low-code has allowed thinkmoney to:

- \* Innovate faster and bring new features to market with speed
- \* Create an exceptional digital experience journey across all mobile devices
- \* Increase customer usage



### Keep Ops and Dev on the Same Page with AIOps

*Peter Luff, Sr. Director, Partner Marketing, ScienceLogic*  
and

*John Willsey, Principal Solutions Architect, ScienceLogic*

DevOps teams can sometimes get separated as development effort runs ahead of the ability of operations to keep pace. The new AIOps movement offers great promise for keeping both on the same page by giving developers and operations teams the tools to quickly identify where applications can be tripped by infrastructure issues. We will identify and demonstrate a set of use cases to illustrate how both can work together to improve application availability and reduce outage risks.



## 5:00 PM - 5:30 PM

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### DevOps Experience: DevOps as a Transformation Strategy

*Mitch Ashley, Director, Research Analysis on DevOps, Cybersecurity, Networking, IT, IoT, Cloud*

As digital transformation drives the creation of new business strategies and models, so goes DevOps' impact on how organizations create, deploy, and manage software.

The value and benefits of DevOps can reach far beyond development teams and IT organizations. That requires alignment, measurement, and results, which bring actionable benefits to the business. In this talk, Mitch discusses strategies IT and development teams can use to realize tangible business benefits, meaningful to c-level leaders.



## DevOps Patterns and Antipatterns for Continuous Software Updates

*Baruch Sadogursky, Head of Developer Advocacy, JFrog  
and*

*Stephen Chin, Senior Director of Developer Relations, JFrog*

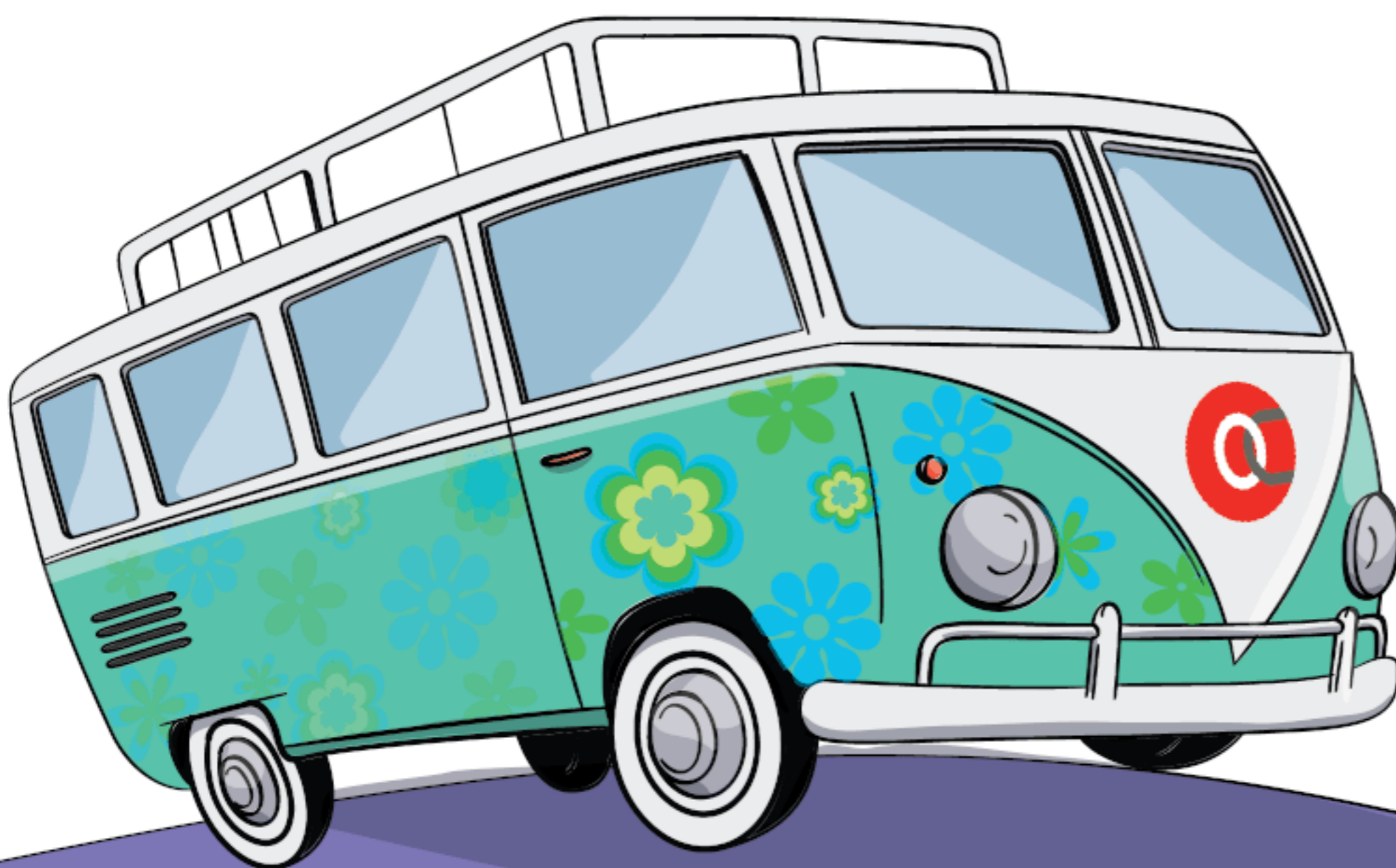


So, you want to update the software for your user, be it the nodes in your K8s cluster, a browser on user's desktop, an app in user's smartphone or even a user's car. What can possibly go wrong? In this talk, we'll analyze real-world software update fails and how multiple DevOps patterns, that fit a variety of scenarios, could have saved the developers. Manually making sure that everything works before sending an update and expecting the user to do acceptance tests before they update is most definitely not on the list of such patterns.

Join us for some awesome and scary continuous update horror stories and some obvious (and some not so obvious) proven ideas for improvement and best practices you can start following tomorrow.

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# GET ON THE BUS WITH THE DEVOPS STARS!



# SPEAKERS



## **Gene Kim**

**CTO, Researcher, and Co-author of The Phoenix Project, The DevOps Handbook and The Unicorn Project, Founder of IT Revolution**

Gene Kim is a multi-award winning CTO, researcher, and author. He is the founder of Tripwire and served as CTO for thirteen years. His books include The Phoenix Project, The DevOps Handbook, Beyond the Phoenix Project, Accelerate, The Visible Ops Handbook, and Visible Ops Security.

Gene is a huge fan of IT operations and how it can enable developers to maximize throughput of features from “code complete” to “in production” without causing chaos and disruption to the IT environment. He has worked with some of the top Internet companies on improving deployment flow and increasing the rigor around IT operational processes. In 2007, ComputerWorld added Gene to the “40 Innovative IT People to Watch Under the Age of 40” list, and he was named a Computer Science Outstanding Alumnus by Purdue University for achievement and leadership in the profession.

Follow Gene on his website or on Twitter @RealGeneKim.



## **JOHN WILLIS**

**CEO & Founder, Botchagalupe Technologies**

John Willis has worked in the IT management industry for more than 35 years. Currently he is the CEO & Founder of Botchagalupe Technologies. He formerly held positions as the Vice President of DevOps and Digital Practices at SJ Technologies and Director of Ecosystem Development at Docker. Prior to Docker, Willis was the VP of Solutions for Socketplane (sold to Docker) and Enstratus (sold to Dell). Prior to Socketplane and Enstratus, Willis was the VP of Training and Services at Opscode, where he formalized the training, evangelism, and professional services functions at the firm. Willis also founded Gulf Breeze Software, an award-winning IBM business partner, which specializes in deploying Tivoli technology for the enterprise. Willis has authored six IBM Red-books on enterprise systems management and was the founder and chief architect at Chain Bridge Systems.



## **DR. NICOLE FORSGREN**

**Research and Strategy, Google Cloud**

Nicole Forsgren is the DORA Lead at Google. She is best known for her work measuring the technology process and as the lead investigator on the largest DevOps studies to date. She has been a professor, sysadmin, and performance engineer. Nicole has been awarded public and private research grants (founders include NASA and the NSF), and her work has been published in several peer-reviewed journals. Nicole earned her PhD in Management Information Systems from the University of Arizona, and she is an Academic Partner at Clemson University and Florida International University.



## **ALAN SHIMEL**

**Editor-in-Chief and Founder, DevOps.com and Security Boulevard**

An often-cited personality in the security and technology community and a sought-after speaker at industry and government events, Alan has helped build several successful technology companies by combining a strong business background with a deep knowledge of technology.



## **JAYNE GROLL**

**Co-founder & CEO, DevOps Institute**

Jayne Groll is co-founder and CEO of the DevOps Institute (DOI). Jayne carries many IT credentials including ITIL Expert™, Certified ScrumMaster, Certified Agile Service Manager, DevOps Foundation and is a Certified Process Design Engineer (CPDE)™. Her IT management career spans over 25 years of senior IT management roles across a wide range of industries. Jayne is very active in the DevOps, ITSM and Agile communities and is the author of the Agile Service Management Guide. She is a frequent presenter at local, national and virtual events.



## **GARY GRUVER**

**President, Gruver Consulting**

Gary is an experienced executive with a proven track record of transforming software development processes and working with executives in large organizations and is the co-author of A Practical Approach to Large-Scale Agile Development.

As VP of QE, Release, and Operations at Macys.com, he led their transition to continuous delivery.



## **CHRIS MILLER**

**Principal Security Program Manager, Veracode**

Twenty four years working in technology, with the last 15 years in information security, Chris have had the privilege of running the application security program at three organizations, including Global/Fortune 500 companies. He started working with DevOps methodology several years ago in one of these programs. His current position is Principle Security Program Manager at Veracode, where he helps key accounts to quickly and effectively stand-up or revitalize their application security program. Chris currently resides in Minneapolis, Minnesota.



## **JP MORGENTHAL**

**CTO, DXC**

JP Morgenthal is CTO, Application Services and Distinguished Technologist for DXC. He is an internationally renowned thought leader in the areas of digital transformation, modernization, integration, and cloud computing. JP has served in executive roles within major software companies and technology startups. Areas of expertise include software strategy & architecture, application development, infrastructure and operations, DevOps, microservices and IoT. He routinely advises C-level executives on the best ways to use technology to derive business value. JP is a published author with four trade publications with his most recent being "Cloud Computing: Assessing the Risks". JP holds both a Masters and Bachelors of Science in Computer Science from Hofstra University.



## **JIM HAGAN**

**Team Lead, Wayfair**

Jim leads Wayfair's metrics team which builds and maintains real-time metrics infrastructure used by hundreds of services deployed on thousands of machines (in the cloud and on premise). Over the past few years, Jim has managed the gradual replacement of the Graphite stack with InfluxDB. He is also a co-organizer of the Boston Time Series Meetup. Prior to coming to Wayfair, he worked for many years in the field of Geospatial technology, most notably as a Principle Architect for TomTom, where he worked on various algorithms and systems used in modern digital map production and location based services. Jim was born, raised, and currently resides in the greater Boston area.



## **TRACY RAGAN**

**CEO, DeployHub**

Tracy is CEO and Co-Founder of DeployHub. She is expert in configuration management practices, continuous integration, continuous delivery and continuous deployment. She currently serves as a board member of the Continuous Delivery Foundation (Linux Foundation) where she is the General Member Representative. She also served on the Eclipse Foundation board as a 'founding member' for 5 years. Tracy began her odyssey in the area of configuration management as a consultant to Wall Street firms building out ways to improve the software build & deploy process through automation (now called DevOps). In 1995, she co-founded OpenMake Software, a private software company that specializes in the automation of cross platform, and accelerated software builds (compile/link standards). In 2017, Tracy and her team recognized the shift in pipeline management that the new container based architecture would require. This led to the formation of DeployHub, a new product and company focused on bringing microservice configuration mapping, sharing and deployment to high performing development teams. Ortelius was launched as an open source solution for microservice mapping in early 2019 based on a core of the DeployHub code base.



## **SHIRI IVTSAN**

**Senior Product Manager, WhiteSource**

Shiri is an experienced cloud solutions architect and product manager and holds a B.Sc. in Industrial Engineering and Management. Prior to joining WhiteSource as a product manager, Shiri worked for various companies where she held roles in R&D, such as solutions architect, R&D team leader and product manager.



## **STEPHEN CHIN**

**Senior Director, Developer Relations, JFrog**

Stephen Chin is Senior Director of Developer Relations at JFrog, author of Raspberry Pi with Java, The Definitive Guide to Modern Client Development, and Pro JavaFX Platform. He has keynoted numerous Java conferences around the world including Oracle Code One (formerly JavaOne), where he is an 8-time Rock Star Award recipient. Stephen is an avid motorcyclist who has done evangelism tours in Europe, Japan, and Brazil, interviewing hackers in their natural habitat. When he is not traveling, he enjoys teaching kids how to do embedded and robot programming together with his teenage daughter.



## **BARUCH SADOGURSKY**

**Head of Developer Advocacy, JFrog**

Baruch Sadogursky (a.k.a JBaruch) is the Head of Developer Relations and a Developer Advocate at JFrog. His passion is speaking about technology. Well, speaking in general, but doing it about technology makes him look smart, and 17 years of hi-tech experience sure helps. When he's not on stage (or on a plane to get there), he learns about technology, people and how they work, or more precisely, don't work together. He is a CNCF ambassador, Developer Champion, and a professional conference speaker on DevOps, DevSecOps and Development topics, and is a regular at the industry's most prestigious events including DockerCon, DevOxx, DevOps Days, OSCON, Qcon, JavaOne and many others. You can see some of his talks at [jfrog.com/shownotes](http://jfrog.com/shownotes)



## **FEI HUANG**

**CEO and Co-Founder, NeuVector**

Fei Huang has over 20 years of experience in enterprise security, virtualization, cloud and embedded software. He was part of the founding team of Cloudvolumes (acquired by VMware) and cofounder of Provilla, a DLP security company (acquired by TrendMicro). Fei holds several patents in security, virtualization and software architecture.



## **ROSALIND RADCLIFFE**

**Distinguished Engineer, Chief Architect for DevOps for Enterprise Systems, IBM**

Rosalind is a member of the IBM Academy of Technology and the Academy Leadership team. In over 30 years in IBM, she has worked in many areas in development, test, services, sales and distribution. She has held responsibilities for: IBM's SOA Management strategy, Architecture for ITCAM for SOA, User Interface design, including standardization across the industry, Services for systems management, and ISPF Development.



## **JULIO VILLARREAL PELEGRINO**

**RHCA, RHCE, RHCVA, RHCSA, Chief Architect, Cloud & Infrastructure, Red Hat**

Julio Villarreal Pelegrino is a technologist and enterprise architect with over 15 years of experience in the software and IT Industry. Currently, Julio serves as chief architect for cloud and infrastructure at Red Hat Services, where he provides open source technology solutions to customers. In this role, Julio helps customers to define their digital strategy, architect and implement private clouds and automation solutions, and translate business needs into use cases and solutions. His extensive experience in large enterprise computing environments, diverse industries, and multiple technologies that include: OpenStack, Kubernetes, Ansible, Red Hat Enterprise Linux, OpenShift, SAN/NAS, Networking and numerous programming languages makes Julio the perfect partner and advisor. Prior to joining Red Hat, Julio worked for multiple industry leaders, including Oracle and Dell where he held different roles within the IT and Services organizations.



## **STEFAN ZIER**

**Chief Architect, Sumo Logic**

Stefan was Sumo's first engineer and current Chief Architect. He enjoys working on cloud plumbing and is plotting to automate his job fully, so he can spend all his time skiing in Tahoe.



## **PETER LUFF**

**Sr. Director, Partner Marketing, ScienceLogic**

Peter is the Sr. Director, Partner Marketing at ScienceLogic. He has extensive experience working with Managed Service Providers of all sizes to create new services – developing and deploying managed services based on a variety of networking and IT management technologies. He has over twenty years' experience in network and systems management with companies such as Hewlett-Packard, JDSU, Visual Networks and Infoblox. He has a BSc. in Electrical Engineering from Royal Naval Engineering College, Manadon, UK and MSc. from University College, London.



## **PAULO BARROS DE CARVALHO**

**Engagement Manager, Outsystems**

Paulo is a dedicated professional with large IT consultancy experience and proven expertise as a business analyst and project manager, participating in projects from their initial inception to its successful delivery, using both waterfall and scrum software development methodologies. He has professional experience in top and international firms and consulting projects in European Funds, insurance, banking and retail industries. Paulo received his education in Top Schools: MSc Applied Maths in Instituto Superior de Economia e Gestão and Applied Maths PhD frequency at Universidade do Porto, Portugal.



## **EREZ RUSOVSKY**

**Director of Product Management, CloudBees**

Erez is the co-founder of Rollout, an enterprise feature flag management solution recently acquired by CloudBees. He holds a B.Sc. in Information Technology and as a developer himself, is very passionate about the mission to help developers excel in releasing quickly and effectively.



## **ERIK COSTLOW**

**Developer Relations, Contrast Security**

Erik is a software security expert with extensive Java experience. He manages developer relations for Contrast Security and public Community Edition. Contrast weaves sensors into applications, giving them the ability to detect security threats based on how the application uses its data. Erik was the principal product manager in Oracle focused on security of Java 8, joining at the height of hacks and departing after a two-year absence of zero-day vulnerabilities. During that time, he learned the details of Java at both a corporate/commercial and community level. He also assisted Turbonomic's product management team to achieve \$100M annual revenue in data center / cloud performance automation.

Erik lead product management for Fortify static code analyzer, a tool that helps developers find and fix vulnerabilities in custom source code. He has also published several developer courses through Packt Publishing on data analysis, statistics, and cryptography.



## **WAYNE ARIOLA**

**CMO, Tricentis**

Wayne Ariola is a recognized thought leader on software testing topics such as continuous testing, risk-based testing, service virtualization, and API testing. Wayne has created and marketed products that support the dynamic software development, test, and delivery landscape. He has driven the design of many innovative technologies and received several patents for his inventions. He has been a contributor to the software testing space for fifteen years and in the software industry for more than 20 years.



## **JEFF KEYES**

**Director of product marketing, Plutora**

Jeff has spent his career writing code, designing software features and UI, running dev and test teams, consulting and evangelizing product messaging. Outside of 6 years at Microsoft, he has been primarily focused on growing startup companies.



## **JOHN WILLSEY**

**Principal Solutions Architect, ScienceLogic**

Mr. Willsey is currently a Principal Solutions Architect at ScienceLogic. He has worn multiple hats at ScienceLogic, including product management, business development, growing the international customer base, and expanding into APAC. With over 20 years of experience in the network management industry, John has held positions at both NetQoS, and InfoVista, in business development, and engineering consulting. He holds a Bachelor of Science in Mechanical/Industrial Engineering from Cal Poly Pomona as well as certifications in networking and virtualization technologies. Erik lead product management for Fortify static code analyzer, a tool that helps developers find and fix vulnerabilities in custom source code. He has also published several developer courses through Packt Publishing on data analysis, statistics, and cryptography.



## JOHN JEREMIAH

**IT & Software Marketing Leader, Evangelist and TEDx speaker,**  
GitLab

John is an evangelist at GitLab. He was recently an evangelist with the Micro Focus, and managed the company's online communities. John's background includes being a software developer and IT leader with over 20 years of experience, with roles in IT consulting, at Fortune 500 IT organizations, and with the U.S. Navy. His previous positions include application developer, project and program manager, director of testing services, and delivery process and methodology director.



## KEITH MOKRIS

**Product Marketing Manager,** Palo Alto Networks

Keith is a B2B product marketer with a passion for secure software development and cybersecurity. As a content creator, he enjoys building tools for sales teams, driving effective marketing campaigns, and finding ways to differentiate technical software products. Currently, Keith is focused on the container and Kubernetes ecosystem. Outside of work, Keith is a landscape and street photographer. Recently, he's been a guest contributor on international photography platform 500px where he has written blog posts as well as led week-long Snapchat and Instagram takeovers.



## MITCH ASHLEY

**Director, Research Analysis on DevOps, Cybersecurity, Networking,**  
**IT, IoT, Cloud**

Mitch is an experienced technology executive, having created successful products and businesses in cybersecurity, SaaS, software, and networking. An early adopter of cloud and DevOps, Mitch led the transformation of multiple companies from transforming a hosted application into a national SaaS service to modernizing an outdated IT organization. Today Mitch leverages his experience as an industry influencer, helping companies realize tangible benefits from DevOps, cloud, cybersecurity, and digital transformation.



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