Teaching Old Dogs New Tricks. Infrastructure as a Product.

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Business Technology – Discover

DISC✺VER®

About Heather.
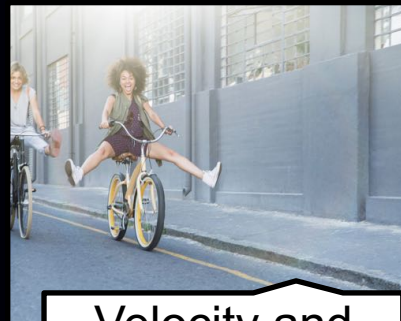
About Ed.

About Discover.

Drivers to change

The Cloud Disruptor

Fintechs and the competition

Velocity and Reliability

Feedback and innovation

Optimizing those staying put

You don't need to know how the sausage is made

Hitting walls everywhere

The pain and suffering with infrastructure silos

A day in the life of our consumers

What outcome are we driving anyway? Ours or that of our customer ?

It's going to take how long to deploy my infrastructure ?

Why automation was not enough

Manually running a script is not "automation"

Automation is not Infrastructure as code but instead a pillar

Cultural change is critical to drive the right behaviors

Sharing the responsibility

Heroes are overrated

Trying
something
different

The birth of cloud solutions

Incubate new ideas, experiment and iterate

Clear founding principles that everyone operates by

Not all about delivering capabilities; taking care of ourselves

Eating our own dogfood and continuous attention to technical excellence

Be Consumer Obsessed, Customer Focused

Deliver Value

Be a Trusted Partner

Don't be afraid to fail. Learn and get better

Be comfortable being uncomfortable

Be Flexible & Frequently Iterate

Infrastructure as a product here as well as there

The end to those long running big bang releases

Focus on the customer and value, not technologies

Establish feedback loops that improve value

Iterate quickly and frequently

Adopting guiding principles that promote self service

Focus on the shiny and new

We're doing great...or maybe not

You're only as fast as your slowest dependency

We're fully automated *except*

I can do this faster without automation

Our products and services were great until that first prod outage

Shifting left exposes our weaknesses
#YouMustBeThisTalltoRidetheRide

Closing the facepalm gap

Immutability is your friend and computers are stupid

Build partnerships, create trust and get everyone moving

You can't just move an app to make it faster; design and architecture changes may be required

Communicate and enforce your guiding principles

Bringing
Everyone
Along …

Well Almost Everyone

Now we're all trying to do it, with some help

Lessons learned from our cloud teams can be applied broadly

Product & behavioral principles as a foundation to everything

Productizing our infrastructure and teams everywhere is good for all

Tying it
all
together

Don't
try this
at
home…

Some mistakes aren't worth making

Either have a craft beer habit or wear skinny jeans but not both

Stop focusing on process or tools over people and interactions

Stop boiling the ocean and trying to fix everything at once

Stop focusing only on delivery of capabilities; tech debt matters!

What can you do

Become a community and do it together

Slow your roll. Better to be valuable than fast, rather than not and faster

Share the responsibility, both applications and infrastructure need change

Take time to take care of yourselves

Find Us

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We're hiring ☺

Stop by our booth to learn more about our incredible technology positions

Key References

12 Principles behind the Agile Manifesto
The Twelve-Factor App
"Project to Product" – Mik Kersten

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