What's next in IT innovation: FUTURE SYSTEMS

Thriving in a world of constant change
#futuresystems
IS YOUR COMPANY FACING AN INNOVATION ACHIEVEMENT GAP?
WHAT’S HOLDING YOU BACK FROM INNOVATION AT SCALE?

Patchwork ways of working?

IT systems and a workforce built for yesterday?

TO SURVIVE, NEW KINDS OF SYSTEMS ARE EMERGING.

Applications +
Data +
Infrastructure +
Humans +
Machines +
Companies +
Partners.
TO THRIVE, IT’S TIME FOR A HARD RESET OF YOUR SYSTEMS
Thriving future systems have three key characteristics:

1. Boundaryless
2. Adaptable
3. Radically Human
1 TRILLION-FOLD

Increase in computing performance over the past 60 years.
1 BOUNDARYLESS SYSTEMS

The next new normal for executing business strategies with technology.
The conventional IT stack has reached its practical limit for fueling business innovation.

Blurring boundaries—between applications, data, and infrastructure, between organizations, and between humans and machines—create infinite opportunities to reduce friction and spur growth.
HOW?

STEP 1
Breakthrough the cloud ceiling.

STEP 2
Design for disruption.

STEP 3
Decouple the entire IT stack.

STEP 4
Explore new, unconventional business models.
97% of a company’s decisions are made using data that its own managers think is of unacceptable quality.

Source: HBR
ADAPTABLE SYSTEMS
Eliminating the friction that hinders business growth.
To scale innovation, companies need systems that seamlessly adapt to business and technology change.

Advances in trusted data and intelligent technologies power systems that learn and improve by themselves, and help people take confident action.
HOW?

STEP 1
Stage an architectural Intervention.

STEP 2
Identify the biggest friction points in your business.

STEP 3
Understand the need for responsible AI.

STEP 4
Let data be your captain.
STUCK IN 1874?

Today’s de facto human-machine interface—the keyboard—was invented 1874.
3 RADICALLY HUMAN SYSTEMS

Talking, listening, seeing, and understanding—just like we do.
Elegant simplicity in every individual interaction.

Made possible by natural language processing, computer vision, voice recognition and immersive experiences, as well as data and machine learning.
STEP 1
Master human-centric development.

STEP 2
Break down organizational and cultural barriers.

STEP 3
Don’t wait to experiment with emerging technologies.
By 2020, more than a third of the desired skillsets of most jobs will be comprised of skills not yet considered crucial today.

Source: World Economic Forum
FUTURE TALENT

Your single most important investment to create thriving systems.
HOW?

STEP 1
Define key roles—evaluating individual tasks not just jobs.

STEP 2
Identify required human and machine skills.

STEP 3
Assess existing workforce skill gaps.

STEP 4
Explore new channels for sourcing talent.

STEP 5
Continuously reskill existing workforce.
INNOVATE.
SCALE.
REPEAT.

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OTHER SESSIONS:

Architecting for Agility
Tuesday, May 7, 2:30 - 3:15 p.m.

Become an Ansible Dynamic Inventory Master
Wednesday, May 8, 10:30 - 11:15 a.m.

High-volume, Secure Transaction Systems on OpenShift: Challenges and Solutions
Thursday, May 9, 1:00p.m. - 1:45 p.m.

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