

SHIFT HAPPENS

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*“The purpose of **EDUCATION** is to replace an empty mind with an open one”*



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Your skills. Upgraded.



Agenda

- 5 things to know about the Future of jobs – a WEF study
- Software is eating the world...
- and AGILE organizations are joining the lunch!

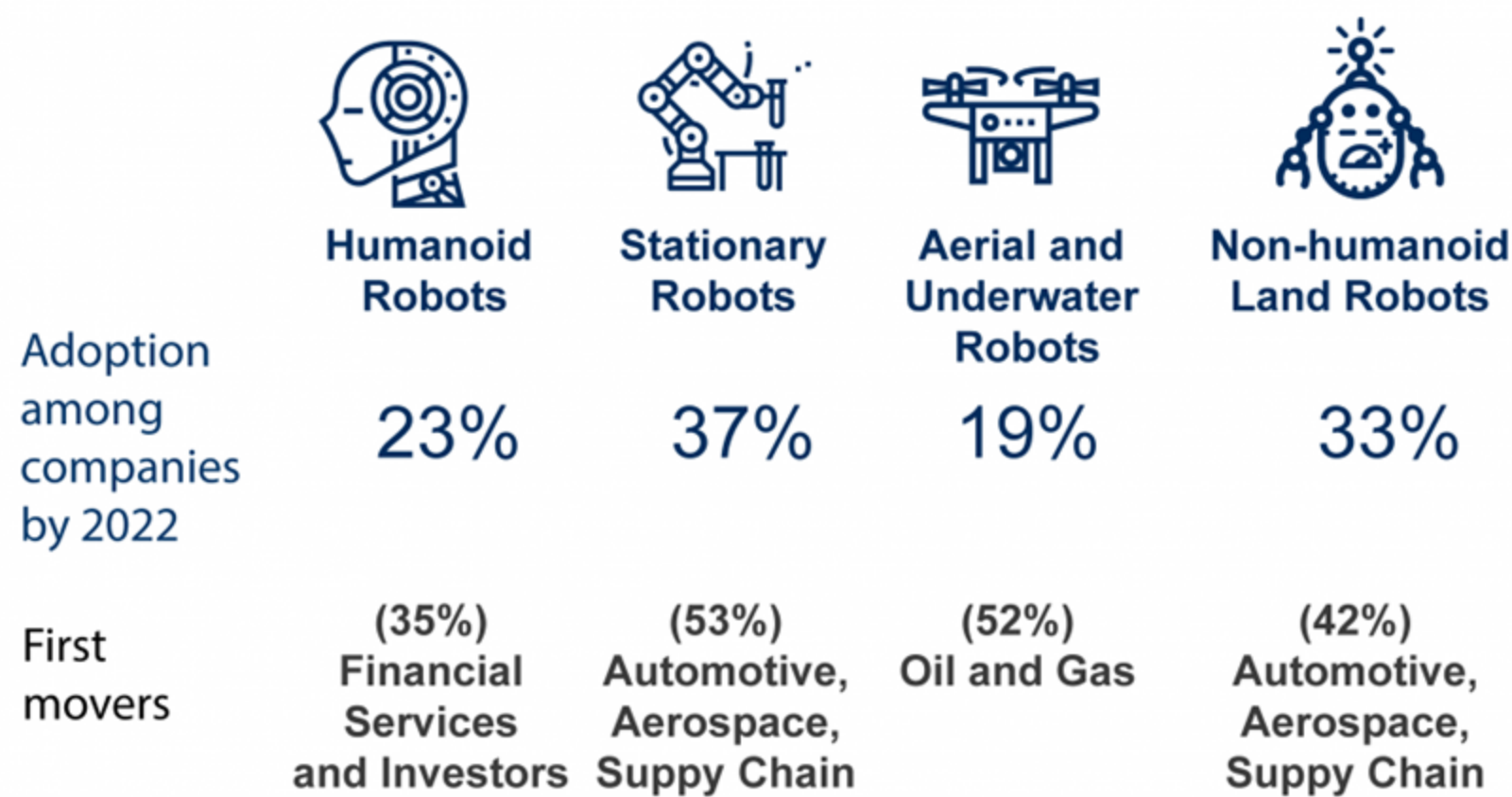
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5 things to know about the Future of jobs



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#1 The many faces of the robot revolution



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Source: Future of Jobs Report 2018, World Economic Forum

#2 The jobs landscape in 2022

emerging
roles,
global
change
by 2022



Top 10 Emerging

1. Data Analysts and Scientists
2. AI and Machine Learning Specialists
3. General and Operations Managers
4. Software and Applications Developers and Analysts
5. Sales and Marketing Professionals
6. Big Data Specialists
7. Digital Transformation Specialists
8. New Technology Specialists
9. Organisational Development Specialists
10. Information Technology Services

declining
roles,
global
change
by 2022



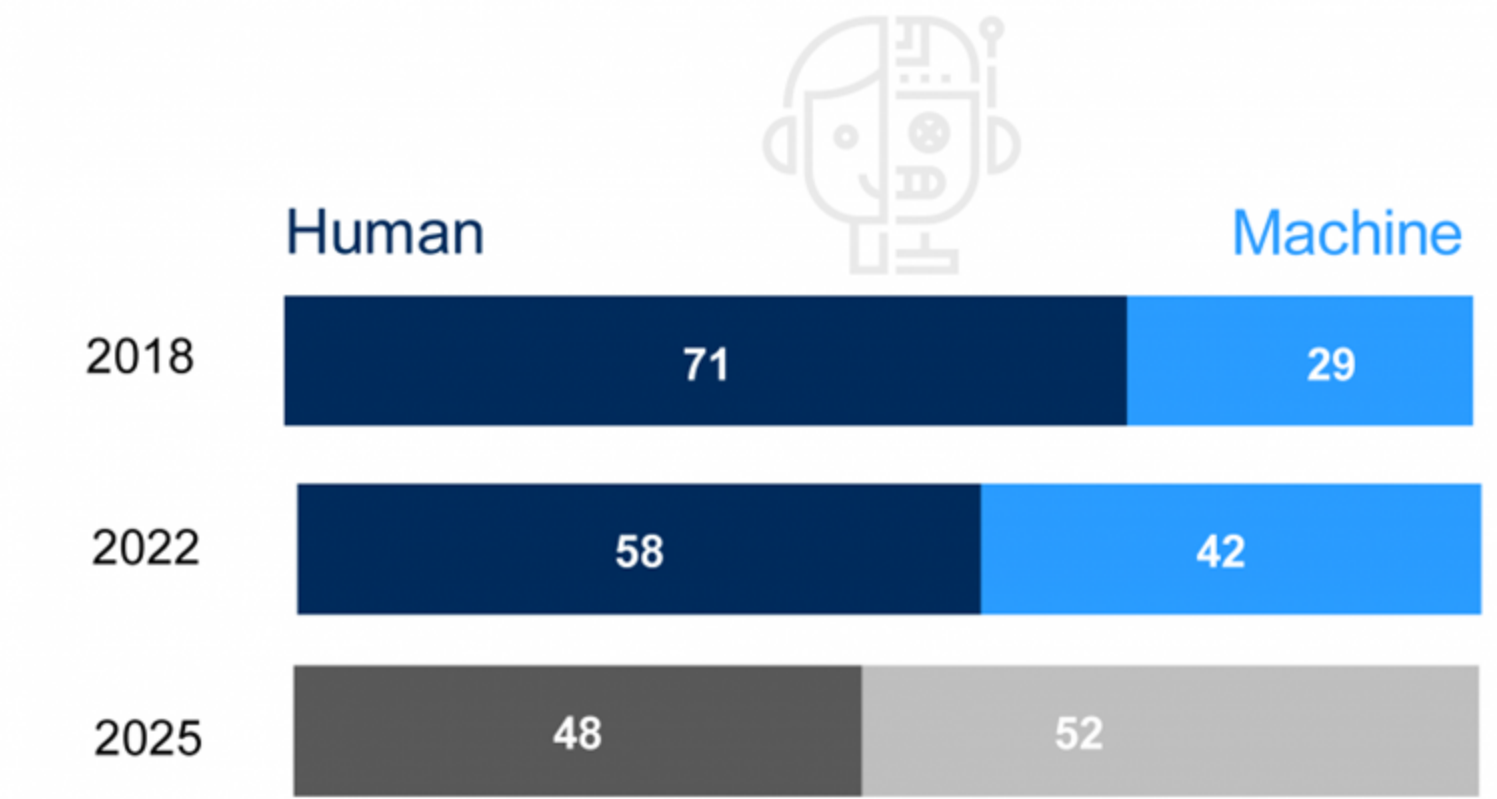
Top 10 Declining

1. Data Entry Clerks
2. Accounting, Bookkeeping and Payroll Clerks
3. Administrative and Executive Secretaries
4. Assembly and Factory Workers
5. Client Information and Customer Service Workers
6. Business Services and Administration Managers
7. Accountants and Auditors
8. Material-Recording and Stock-Keeping Clerks
9. General and Operations Managers
10. Postal Service Clerks

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#3 Rate of automation

Division of labour as share of hours spent (%)



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Source: Future of Jobs Report 2018, World Economic Forum



#4 2022 Skills outlook

Growing

- 1 Analytical thinking and innovation
- 2 Active learning and learning strategies
- 3 Creativity, originality and initiative
- 4 Technology design and programming
- 5 Critical thinking and analysis
- 6 Complex problem-solving
- 7 Leadership and social influence
- 8 Emotional intelligence
- 9 Reasoning, problem-solving and ideation
- 10 Systems analysis and evaluation

Declining

- 1 Manual dexterity, endurance and precision
- 2 Memory, verbal, auditory and spatial abilities
- 3 Management of financial, material resources
- 4 Technology installation and maintenance
- 5 Reading, writing, math and active listening
- 6 Management of personnel
- 7 Quality control and safety awareness
- 8 Coordination and time management
- 9 Visual, auditory and speech abilities
- 10 Technology use, monitoring and control

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#4 By 2022 everyone will need an extra



101
days of
learning

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R we ready?



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Pe bune, suntem pregătiți?...



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#1 Agile or...



Agility is the ability of an organization to renew itself, adapt, change quickly, and succeed in a rapidly changing, ambiguous, turbulent environment. Agility requires stability for most companies!



Business learns technology ⇔ IT learns Business skills & Soft skills

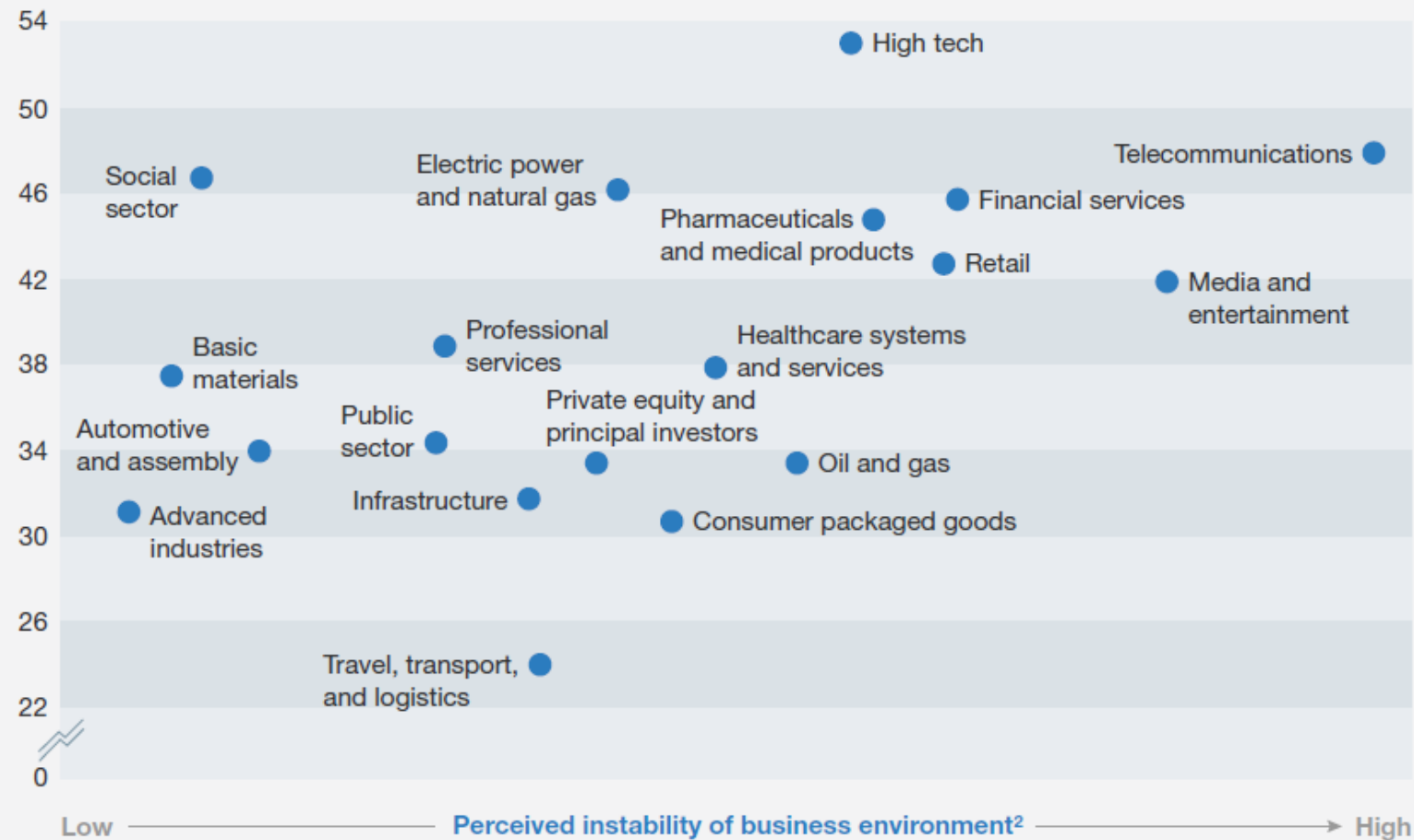


Focus on collaboration (bring on collab platforms)

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Respondents who describe their business environments as unstable are more likely to say their organizations have already begun agile transformations.

% of respondents reporting **organization-wide agile transformations** at their companies,¹ by industry



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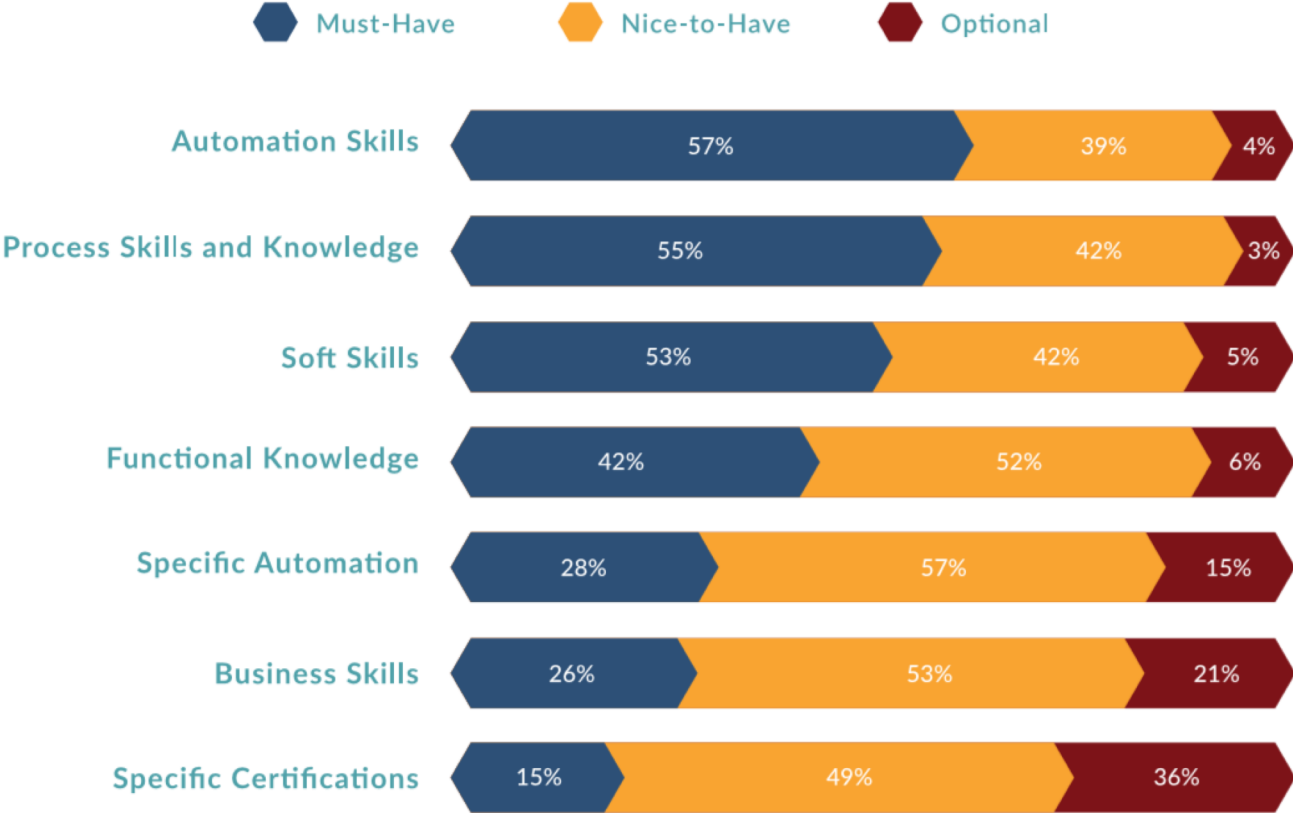
#2 CIO as a startup founder...

 IT as a technology startup!

 CIO as a startup co-founder (funding, identify markets, scale...)!

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#2 New type of people



Respondent Profile: N=748
Question: How would you rate the importance of the following categories of skills for your DevOps team member?

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Technology

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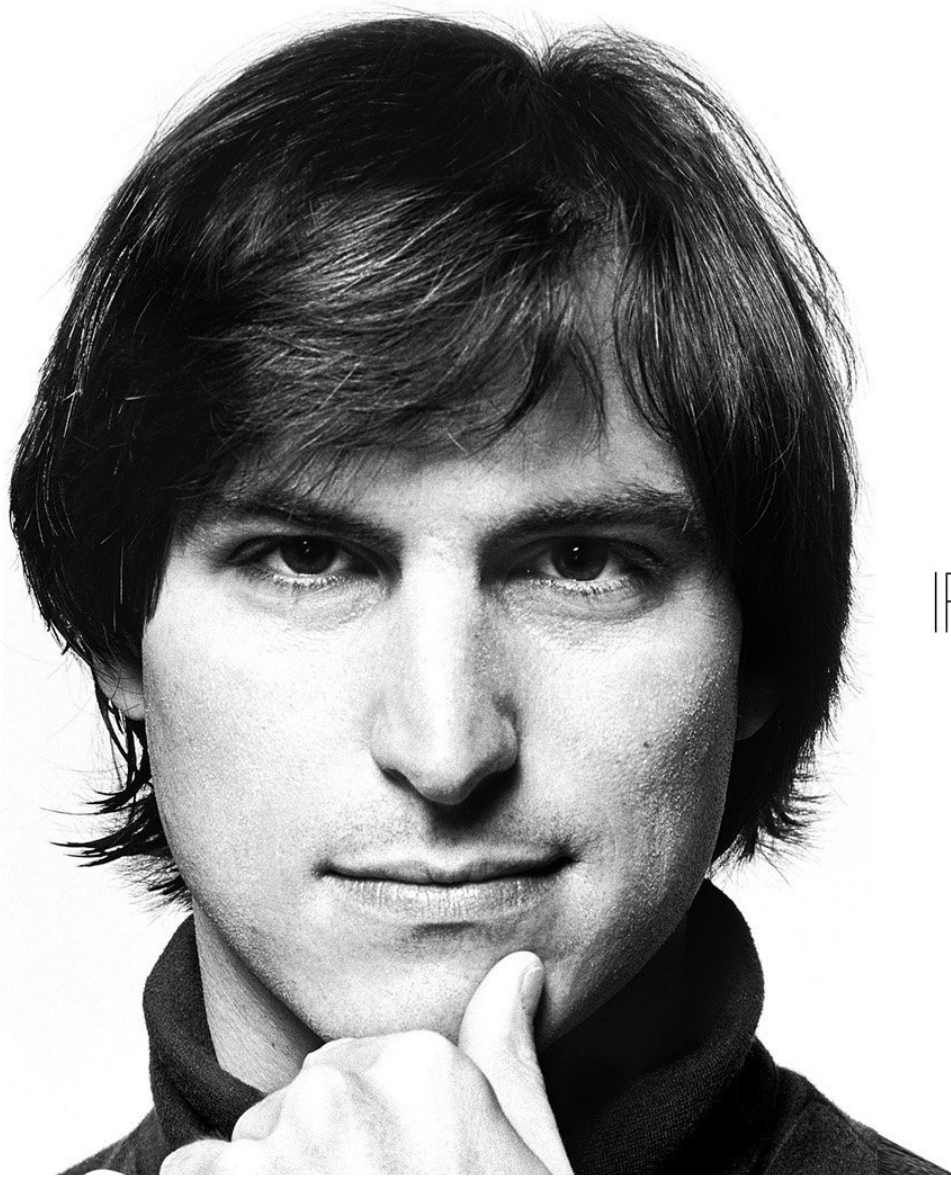
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WHY JOIN THE NAVY
IF YOU CAN BE A PIRATE
steven jobs

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