

Hello!

Dave McHugh

Multichannel Software
Engineering Director

<https://www.linkedin.com/in/dave-mchugh/>

What does Industry need now?

It's always the simplest things that
make the biggest difference ...

1. Communication skills
2. Interpersonal skills
3. Team skills



And small asks that can add up to the
impossible!

1. T-Shaped, full-stack, DevSecOps
2. Multi-cloud
3. Large-scale applications
experience



What are we *really* looking for?

The right ATTITUDE
and adequate PEOPLE SKILLS
to want to COMMUNICATE effectively
and DELIVER value
in a TEAM environment

Think of Industry as a builder's
merchant...

With the right ATTITUDE
and the right TOOLS
you can learn the SKILLS
to build your own HOUSE!



What does Industry need next?

Moving beyond what we know we already need...

Critical thinking

- Asking why to a what nearly always leads to a better how and when!



Data literacy

- Data management, quality, and governance built in to the software engineering lifecycle



Integration aware

- Software engineering is as much about assembling capabilities as it is creating new things



Methodology matters

- Scrum, XP, Kanban, JFDI – what does agile mean?
- In SMEs it can literally mean anything, but at Enterprise-level it means it has to SCALE





What does the future look like?

Low-code or no-code?

- What does software engineering skill add in world where anyone can automate processes and create products?



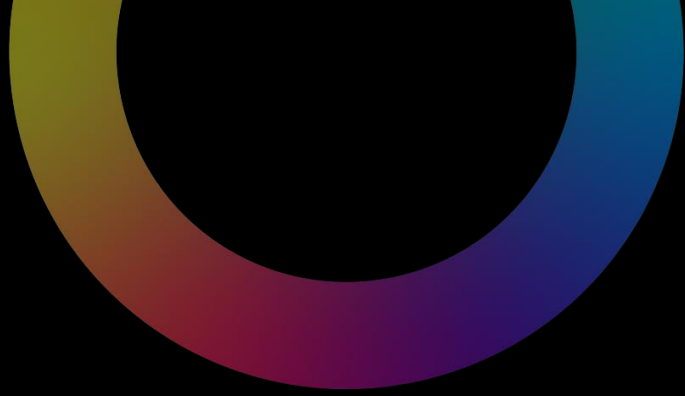
Open-source, SaaS/PaaS, in-house?

- More and more we are seeing build versus buy decisions, for things that have traditionally been no-brainers – why?

Specialism?

- Data? Front-end? Back-end? We are already seeing more and more developers moving away from full-stack skill-set claims.

How can we work better together?



Communication

Establish channels to gather feedback

- Easy to say, hard to do, and there's probably many already!

Be clear on vision and strategy, and commit

- It's far easier to get somewhere if we know where we are going



Questions