

Navigating the Cloud Native ecosystem for end users

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Cloud Native Computing Foundation

- Nonprofit, part of the Linux Foundation; founded Dec 2015

Graduated



kubernetes
Orchestration



Prometheus
Monitoring



Service Proxy



Distributed Tracing API



Logging



Remote Procedure Call

Incubating



rkt
Container Runtime



CNI
Networking API



JAEGER
Distributed Tracing



TUF
Software Update Spec



CoreDNS
Service Discovery



Container Runtime



Security



Storage



Messaging



LINKERD
Service Mesh



HELM
Package Management



ROOK
Storage



HARBOR
Registry



etcd
Key/Value Store

- Platinum members:



CNCF Structure



79 Companies in the End User Community



Plus 10 non-public members

Challenges with adopting cloud native

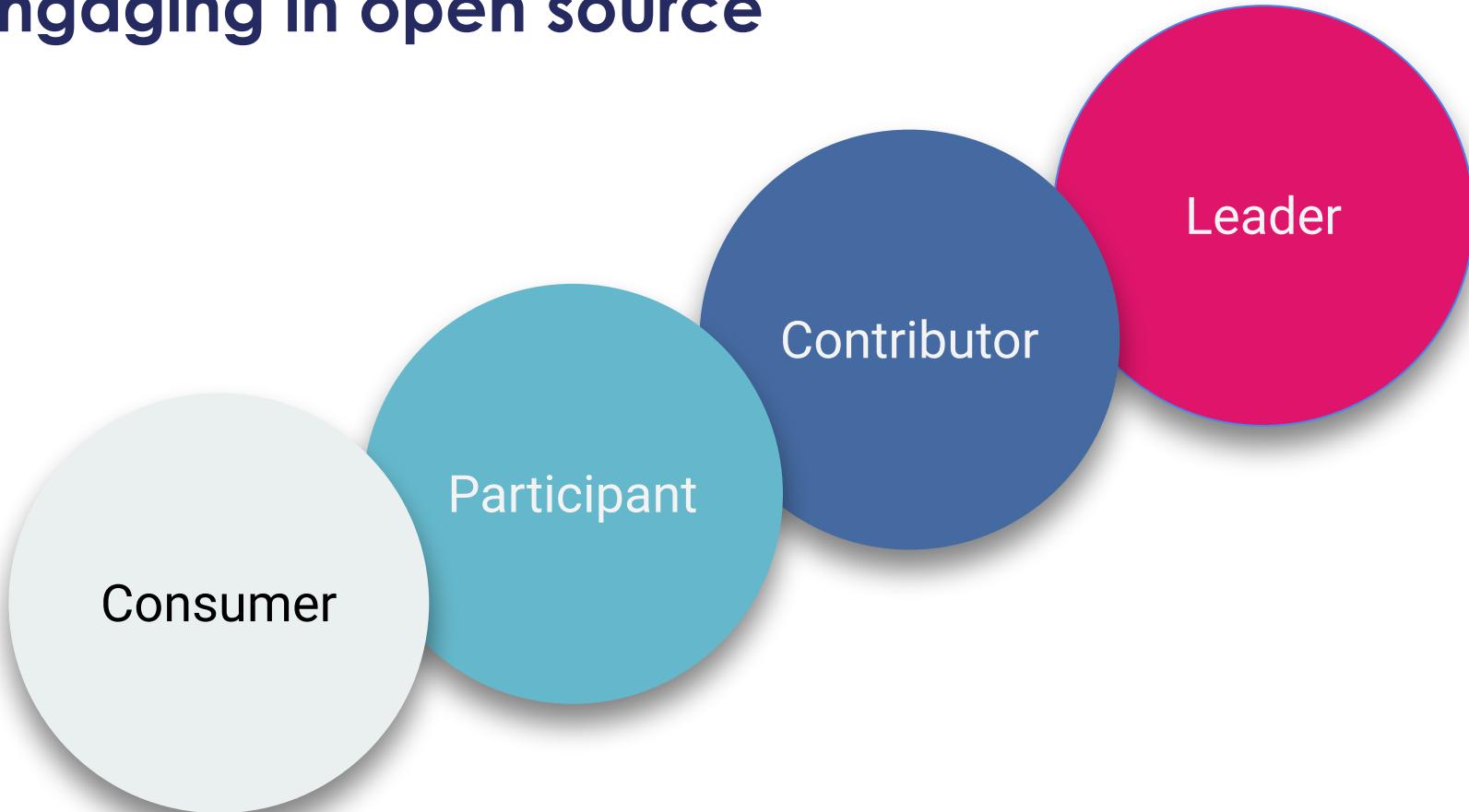
Solving an immediate technical need

Growing engineering organisation

Building business strategy around cloud native



Engaging in open source





Consumer

Increase your bandwidth to differentiate

Reduce overall time/cost to deliver your products or services

Share development costs for strategic functions





Partner with others

Provide a reference architecture
against a standard

Recruiting





Shape projects to meet your needs
and requirements

Drive demand by building an
ecosystem for your products

Offer customers the ability to self
support





Open source culture and program office

Educate executives and legal team

Metrics driven (see CHAOSS)



Challenges with adopting cloud native

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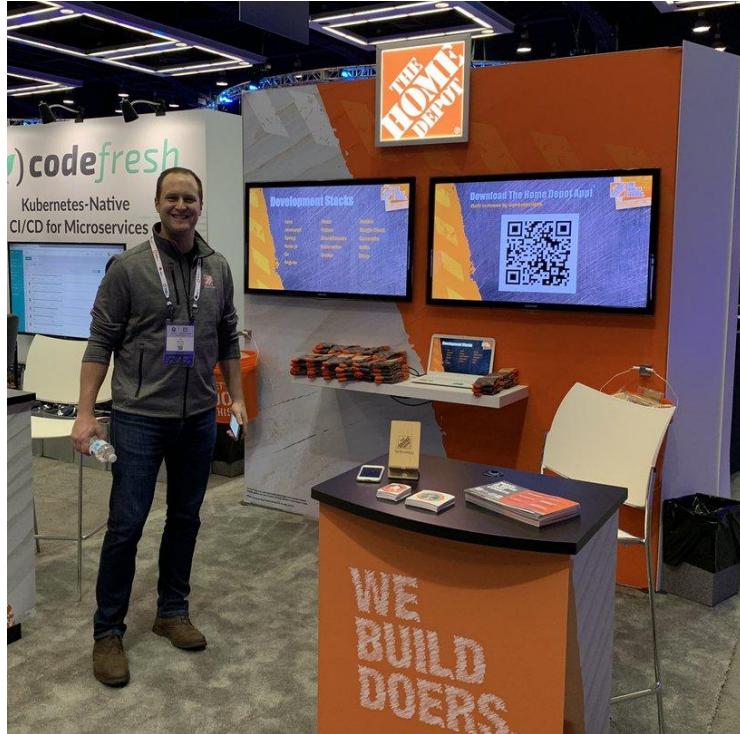
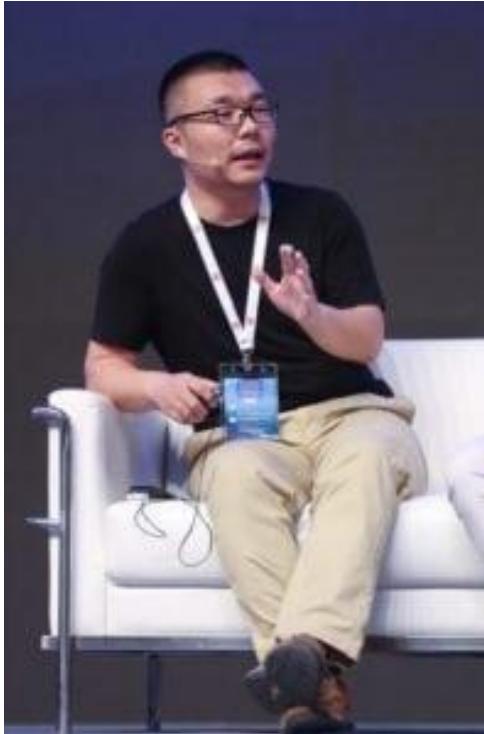
Building business strategy around cloud native



1. Solving an immediate technical need



2. Growing your engineering organization



3. Building your business strategy around cloud native







meetup.com/Cloud-Native-London



Thanks!

Slides at oicheryl.com



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